



Ohio
Labor
Market
Information

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6/2/89
Labor
Market
Review

April 1989

Summary. The seasonally adjusted unemployment rate in Ohio rose from 5.2 percent in March to 5.4 percent in April. The national rate increased from 5.0 percent to 5.3 percent over the month. Total employment in Ohio fell 51,000 to 5,093,000. There were 288,000 unemployed Ohioans in April, up 4,000 from March. Declines in manufacturing employment were overshadowed by gains in nonmanufacturing, as nonagricultural wage and salary employment (seasonally adjusted) in Ohio changed little from March to 4,778,000 in April. (See page 3.)

Factory Employment. Manufacturing employment in Ohio, at 1,111,000 in April, was down 3,000 from March. Employment in durable-goods industries dropped 2,000 to 749,000, due to reductions in nonelectrical machinery and transportation equipment. Nondurable-goods employment totaled 362,000 in April, 1,000 lower than in March. Declines in rubber and miscellaneous plastics products, printing and publishing, and chemicals and allied products accounted for the loss.

Nonmanufacturing. Employment in nonmanufacturing industries rose 4,000 from March to 3,668,000 in April, due chiefly to an increase of 5,000 in services. Transportation and public utilities, wholesale trade, and finance, insurance, and real estate each added 1,000 jobs. Retail trade employment declined 2,000; construction fell 1,000. There was no employment change in mining or government.

Over the Year. Ohio's unemployment rate dropped from 6.2 percent in April 1988 to 5.4 percent in April 1989. In the U. S., the unemployment rate went from 5.5 percent to 5.3 percent over the year. Total unemployment in Ohio dropped 43,000 from April 1988 to April 1989, while total employment increased 123,000. Nonfarm payroll employment rose 122,000 from April 1988. The largest gains occurred in services (+46,000) and retail trade (+31,000). Employment in construction was up 13,000. Advances in durable goods helped to raise manufacturing employment 9,000. All other divisions had small increases, except mining, which was unchanged.

Factory Hours and Earnings. Manufacturing production workers in Ohio earned an average of \$525.89 per week in April for an average workweek of 43.0 hours, both up fractionally from March. Less overtime lowered earnings sharply in motor vehicles and equipment. This drop was more than offset by higher earnings in miscellaneous plastics products, lumber and wood products, aircraft and parts, and iron and steel foundries.

Benefits and Costs. There were 35,167 initial claims filed under the Ohio Unemployment Compensation Law in April, down 22.1 percent from March, and down 8.4 percent from April 1988. Total benefits paid fell 33.0 percent to \$51.2 million. The average benefit check of

Ohio Bureau of Employment Services

Richard F. Celeste, Governor

Ellen O'Brien Saunders, Administrator

\$161.50 was \$.44 lower. The average weekly number of benefit recipients declined 19.7 percent to 82,736. At the end of the month, there were 204,265 active employer accounts.

Employment Service. The Ohio Bureau of Employment Services assisted 35,087 new job applicants in April, down 20.1 percent from March, but up 1.6 percent from April 1988. The number of job openings received from employers rose 19.1 percent to 14,895. The Employment Services Division made 26,666 job referrals and 5,085 placements.

Hire Persons with Disabilities

People at Work is what the American dream is all about and people with disabilities are a part of this dream. But some are excluded. Many people ignore the ABILITY and just see the DISABILITY.

It's difficult to reach your dream without a job. Various studies show that approximately two-thirds of all disabled workers between 16 and 64 years old are not working. Do what you can to promote employment and to employ qualified workers with disabilities!

Call your local OBES Office for referral of qualified disabled job applicants.

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Seasonally Adjusted Civilian Labor Force and Nonagricultural Wage and Salary Employment Estimates for Ohio^a

	Estimates (in thousands)			Change ^b (in thousands)		Percent Change ^c	
	April 1989	March 1989	April 1988	From Last Month	From Last Year	From Last Month	From Last Year
Household Survey Data^d							
Civilian Labor Force	5,381	5,428	5,301	-47	80	-0.9	1.5
Employment	5,093	5,144	4,970	-51	123	-1.0	2.5
Unemployment	288	284	331	4	-43	1.4	-13.0
Unemployment Rate	5.4	5.2	6.2				
Employer Survey Data^e							
Total	4,778	4,777	4,656	1	122	0.0	2.6
Manufacturing	1,111	1,114	1,101	-3	9	-0.3	0.8
Durable Goods	749	751	742	-2	7	-0.3	0.9
Nondurable Goods	362	363	360	-1	2	-0.3	0.6
Nonmanufacturing	3,668	3,663	3,555	4	113	0.1	3.2
Mining	19	19	20	0	0	0.3	-0.4
Construction	196	197	183	-1	13	-0.5	7.0
Transportation and Public Utilities	215	214	211	1	4	0.4	1.8
Wholesale Trade	261	260	252	1	8	0.3	3.3
Retail Trade	901	903	870	-2	31	-0.2	3.6
Finance, Insurance, and Real Estate	255	254	249	1	6	0.4	2.3
Services	1,125	1,120	1,079	5	46	0.4	4.3
Government	696	696	691	0	5	0.0	0.7
Goods Producing Industries ^f	1,326	1,330	1,304	-4	22	-0.3	1.7
Service Producing Industries ^g	3,452	3,447	3,352	5	100	0.2	3.0

^aData for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel.

^bChanges are computed from unrounded numbers.

^cPercentages are computed from unrounded numbers.

^dFrom the Current Population Survey, a monthly federal survey of approximately 2,500 Ohio households. Estimates represent counts of persons by place of residence, provided by the U.S. Bureau of Labor Statistics.

^eFrom the Current Employment Statistics Survey, a monthly survey of over 10,000 employers conducted by OBES in cooperation with the U.S. Bureau of Labor Statistics. Estimates represent nonagricultural wage and salary jobs by place of work. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January *Labor Market Review*.

^fIncludes Mining, Construction, and Manufacturing.

^gIncludes Transportation and Public Utilities, Wholesale Trade, Retail Trade, Finance, Insurance, and Real Estate, Services, and Government.

Seasonally Adjusted Estimates^a

Ohio Civilian Labor Force Estimates (in thousands)

Civilian Labor Force			Unemployment Rates	
Total	Employed	Unemployed	Ohio	U.S.
5,237	4,856	381	7.3	6.3
5,290	4,897	393	7.4	6.3
5,261	4,885	376	7.1	6.1
5,272	4,895	377	7.2	6.0
5,242	4,877	365	7.0	6.0
5,213	4,921	292	5.6	5.9
5,231	4,910	321	6.1	6.0
5,270	4,946	324	6.1	5.9
5,279	4,949	330	6.3	5.8
1988				
5,324	4,981	343	6.4	5.8
5,355	5,014	341	6.4	5.7
5,369	4,974	395	7.4	5.6
5,301	4,970	331	6.2	5.5
5,284	4,960	324	6.1	5.6
5,306	4,994	312	5.9	5.4
5,294	5,004	290	5.5	5.4
5,329	5,028	301	5.6	5.6
5,311	5,004	307	5.8	5.4
5,349	5,049	300	5.6	5.3
5,366	5,059	307	5.7	5.4
5,355	5,060	295	5.5	5.3
1989				
5,426	5,094	332	6.1	5.4
5,432	5,152	280	5.2	5.1
5,428	5,144	284	5.2	5.0
5,381	5,093	288	5.4	5.3

Ohio Nonagricultural Wage and Salary Employment (in thousands)

Total Nonagricultural Employment			
	Manufacturing Employment		
		Durable	Nondurable
4,552	1,096	739	357
4,563	1,096	738	358
4,568	1,093	736	357
4,576	1,091	732	359
4,588	1,098	739	359
4,596	1,101	743	358
4,617	1,105	745	360
4,631	1,106	746	360
4,650	1,110	748	362
4,637	1,104	744	360
4,644	1,103	743	359
4,653	1,097	737	360
4,656	1,101	742	360
4,661	1,100	742	359
4,671	1,102	742	360
4,676	1,101	742	359
4,680	1,100	741	358
4,691	1,103	743	359
4,704	1,105	746	360
4,721	1,110	750	361
4,733	1,111	750	362
4,764	1,122	757	364
4,772	1,118	754	364
4,777	1,114	751	363
4,778	1,111	749	362

Nonmanufacturing Employment (in thousands)

Total Nonmanu- facturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade
3,456	21	173	206	246
3,467	21	174	207	247
3,475	21	176	207	247
3,484	20	178	209	248
3,490	21	176	209	248
3,495	20	177	209	249
3,512	21	178	209	251
3,525	21	180	210	251
3,540	21	183	210	252
1988				
3,533	20	181	210	251
3,542	20	182	210	251
3,557	19	185	211	252
3,555	20	183	211	252
3,561	19	182	211	253
3,569	19	182	211	254
3,575	19	182	212	255
3,581	20	183	212	256
3,589	19	184	212	256
3,599	19	184	212	257
3,611	19	186	213	258
3,622	19	188	213	258
1989				
3,642	19	196	213	259
3,654	19	197	213	260
3,663	19	197	214	260
3,668	19	196	215	261

1987
April
May
June
July
August
September
October
November
December
1988
January
February
March
April
1989
January
February
March
April

Retail Trade	Finance, Insurance, & Real Estate	Services	Government
841	242	1040	687
844	243	1043	688
845	244	1048	688
847	244	1053	685
849	245	1055	687
850	246	1059	685
856	247	1062	688
860	247	1067	691
863	248	1073	691
1988			
865	247	1068	691
868	247	1073	690
872	248	1078	692
870	249	1079	691
871	249	1083	692
874	249	1087	692
876	250	1089	692
878	251	1093	689
880	251	1095	691
884	252	1097	693
887	252	1102	694
889	252	1108	693
1989			
896	253	1112	693
899	254	1116	696
903	254	1120	696
901	255	1125	696

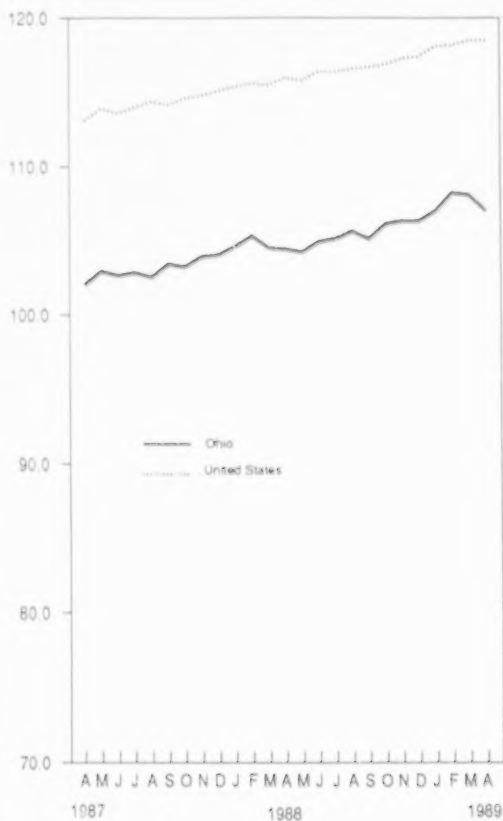
^aEstimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates are computed from unrounded figures. All data exclude military personnel. Annual average data for each series are published on page 6. Seasonal adjustment factors for the nonagricultural wage and salary figures are published in the January Labor Market Review.

Indexes of Total Employment

Ohio and U.S.

(Seasonally Adjusted)

Index (1979=100)

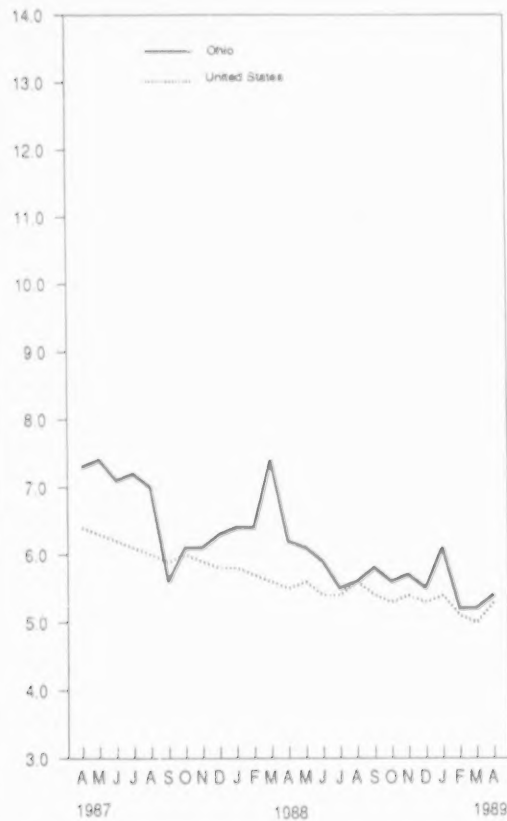


Unemployment Rates

Ohio and U.S.

(Seasonally Adjusted)

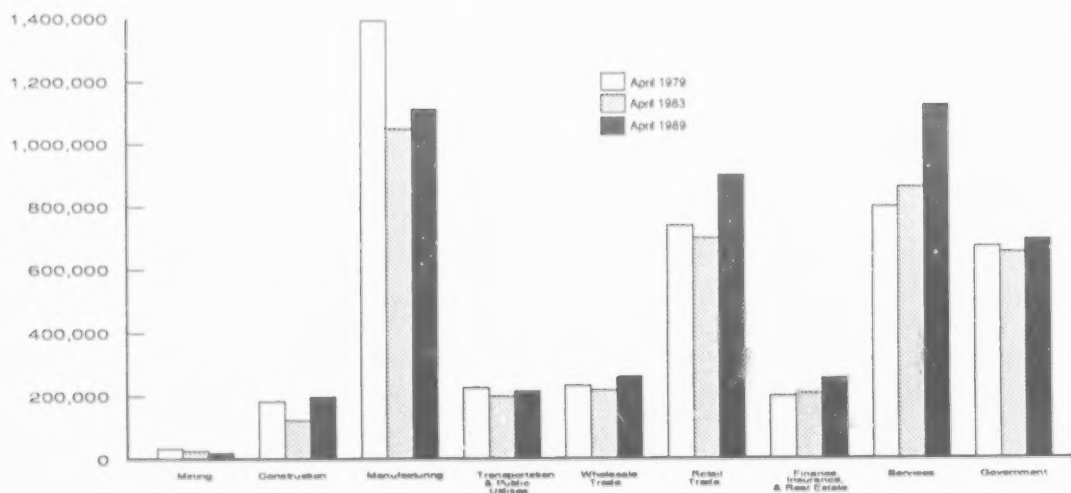
Percent



Employment in Division-Level Industries

(Seasonally Adjusted)

Number



Nonseasonally Adjusted Estimates^a

Ohio Civilian Labor Force Estimates (in thousands)

Civilian Labor Force			Unemployment Rates	
Total	Employed	Unemployed	Ohio	U.S.
4,959	4,690	268	5.4	6.1
5,059	4,760	299	5.9	5.8
5,089	4,663	426	8.4	7.1
5,100	4,608	492	9.6	7.6
5,114	4,474	640	12.5	9.7
5,099	4,478	621	12.2	9.6
5,089	4,609	480	9.4	7.5
5,135	4,680	455	8.9	7.2
5,232	4,806	425	8.1	7.0
5,254	4,887	367	7.0	6.2
5,328	5,008	320	6.0	5.5
5,281	4,964	317	6.0	5.3
5,269	4,966	303	5.8	5.4
5,353	5,028	325	6.1	5.5
5,366	5,093	274	5.1	5.5
5,376	5,076	301	5.6	5.4
5,287	4,985	302	5.7	5.2
5,365	5,087	278	5.2	5.0
5,400	5,113	287	5.3	5.2
5,352	5,066	286	5.4	5.0
5,384	5,015	369	6.9	6.0
5,380	5,063	317	5.9	5.6
5,375	5,068	307	5.7	5.2
5,357	5,085	273	5.1	5.1

Ohio Nonagricultural Wage and Salary Employment (in thousands)

Total Nonagricultural Employment			
	Manufacturing Employment		
		Durable	Nondurable
1978	4,394.9	1,377.2	974.5
1979	4,484.8	1,382.3	980.5
1980	4,367.4	1,264.3	882.6
1981	4,317.7	1,232.6	860.4
1982	4,124.3	1,099.9	752.4
1983	4,092.5	1,066.0	723.6
1984	4,260.2	1,127.0	773.4
1985	4,372.9	1,124.3	768.7
1986	4,471.4	1,109.8	752.7
1987	4,582.6	1,098.9	740.4
1988	4,683.0	1,103.1	743.6
1988	4,642.7	1,098.5	741.8
April	4,692.3	1,100.5	743.2
May	4,715.4	1,107.6	746.9
June	4,678.8	1,100.8	741.5
July	4,679.1	1,102.1	740.5
August	4,731.7	1,110.5	745.6
September	4,757.7	1,110.3	747.8
October	4,834.7	1,115.7	753.3
November	4,781.8	1,115.1	752.5
December	4,669.0	1,112.2	751.4
1989	4,671.4	1,107.3	747.9
January	4,707.6	1,106.9	748.1
February	4,761.6	1,107.8	748.8
March			
April			

Nonmanufacturing Employment (in thousands)

Total Nonmanu- facturing	Mining	Construction	Transportation & Public Utilities	Wholesale Trade		Retail Trade	Finance, Insurance, & Real Estate	Services	Government
3,017.7	29.0	176.6	225.0	226.0	1978	730.4	191.1	772.1	667.5
3,102.5	31.6	182.9	232.1	232.8	1979	742.4	200.6	806.2	674.0
3,103.0	30.7	167.4	223.1	230.6	1980	726.6	203.8	830.9	689.9
3,085.1	30.7	153.7	217.2	232.5	1981	717.7	205.8	851.6	676.0
3,024.4	30.3	134.6	206.8	226.0	1982	703.4	206.4	857.3	659.6
3,026.5	26.6	130.8	198.5	222.5	1983	711.0	207.8	873.3	656.1
3,133.1	27.8	144.8	203.9	236.7	1984	748.0	211.5	905.2	655.2
3,248.6	26.1	154.0	202.7	243.7	1985	787.9	219.3	949.5	665.2
3,361.6	22.6	160.7	203.4	244.3	1986	818.6	232.3	1,001.0	678.9
3,483.7	20.9	176.4	207.8	248.0	1987	848.3	243.8	1,051.2	687.3
3,579.8	19.5	183.6	211.5	254.3	1988	876.5	249.8	1,087.8	696.8
					1988				
3,544.3	19.1	172.1	209.4	251.6	April	859.6	247.5	1,079.8	705.2
3,591.8	19.2	182.8	211.5	253.5	May	873.2	249.0	1,092.8	709.9
3,607.8	19.6	191.2	213.1	255.8	June	879.7	251.4	1,104.1	692.9
3,578.0	19.8	199.5	213.4	256.1	July	881.1	252.8	1,103.1	652.2
3,577.0	19.8	202.5	213.9	256.3	August	886.2	253.3	1,104.7	640.3
3,621.2	19.8	202.0	214.8	256.5	September	888.2	251.8	1,109.8	678.3
3,647.4	19.8	203.0	215.0	258.4	October	891.8	252.1	1,105.1	702.2
3,719.0	19.7	197.4	214.7	258.5	November	906.0	252.1	1,102.1	768.5
3,666.6	19.5	188.0	215.3	259.1	December	921.4	252.4	1,101.0	710.0
					1989				
3,556.9	18.9	167.0	208.7	256.9	January	877.0	250.3	1,083.4	694.5
3,564.1	18.6	162.2	208.5	256.9	February	867.2	250.8	1,091.8	708.0
3,600.8	18.7	170.8	209.7	257.8	March	876.3	251.5	1,103.0	712.9
3,653.8	19.0	184.4	212.8	259.9	April	889.6	253.2	1,124.7	710.2

^aEstimated in cooperation with U.S. Department of Labor. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding. Unemployment rates and averages are computed from unrounded figures. All data exclude military personnel.

Manufacturing Employment, Hours, and Earnings^a

Manufacturing Employment

Total (thousands)	Durable Goods (thousands)	Nondurable Goods (thousands)
1,377.2	974.5	402.7
1,382.3	980.5	401.8
1,264.3	882.6	381.8
1,232.6	860.4	372.2
1,099.9	752.4	347.5
1,066.0	723.6	342.4
1,127.0	773.4	353.6
1,124.3	768.7	355.5
1,109.8	752.7	357.1
1,098.9	740.4	358.4
1,103.1	743.6	359.6
1,098.5	741.8	356.7
1,100.5	743.2	357.3
1,107.6	746.9	360.7
1,100.8	741.5	359.4
1,102.1	740.5	361.6
1,110.5	745.6	364.9
1,110.3	747.8	362.5
1,115.7	753.3	362.3
1,115.1	752.5	362.6
1,112.2	751.4	360.8
1,107.3	747.9	359.4
1,106.9	748.1	358.8
1,107.8	748.8	358.9

Production Workers in Manufacturing

Production Workers (thousands)	Aggregate Weekly Payroll (millions)	Aggregate Weekly Hours (millions)
985.5	\$302.5	41.5
979.0	318.5	40.6
867.8	301.9	35.2
847.7	330.4	34.7
735.7	297.1	29.5
721.6	315.4	29.9
781.5	362.3	33.1
773.4	369.7	32.5
758.5	369.1	31.9
751.4	375.5	32.0
759.1	381.7	32.6
755.3	390.4	32.5
757.3	391.1	32.6
762.4	397.8	33.0
754.9	379.4	31.9
756.7	382.1	32.1
765.9	399.6	33.2
765.5	400.4	33.1
771.1	410.1	33.7
770.1	411.5	33.7
766.2	404.1	33.1
762.0	400.1	32.8
761.4	400.2	32.7
761.6	400.5	32.7

Production Worker Average Weekly Earnings

Manu- facturing	Durable Goods	Nondurable Goods
\$306.91	\$316.83	\$279.30
325.36	335.30	297.78
347.94	358.57	319.99
389.78	401.64	358.16
403.81	414.80	378.95
437.18	452.35	402.52
463.61	482.38	417.83
477.96	499.56	425.80
486.68	507.95	439.71
499.70	519.52	455.03
516.00	538.59	465.47
516.86	538.22	465.89
516.43	540.27	460.90
521.77	547.87	464.62
502.52	521.85	461.47
504.98	525.21	460.22
521.77	545.38	469.63
523.06	546.69	467.84
531.83	557.80	472.43
534.36	557.80	479.62
527.47	551.06	472.36
525.03	547.67	472.63
525.53	549.41	470.50
525.89	548.54	473.18

Production Worker Average Weekly Hours

Manu- facturing	Durable Goods	Nondurable Goods
42.1	42.3	41.5
41.5	41.6	41.1
40.6	40.7	40.2
40.9	40.9	40.7
40.1	40.0	40.4
41.4	41.5	41.2
42.3	42.5	41.7
42.0	42.3	41.3
42.1	42.4	41.6
42.6	42.9	41.9
43.0	43.4	42.2
43.0	43.3	42.2
43.0	43.5	41.9
43.3	43.9	42.2
42.3	42.6	41.8
42.4	42.7	41.8
43.3	43.7	42.5
43.3	43.7	42.3
43.7	44.2	42.6
43.8	44.2	42.9
43.2	43.7	42.1
43.0	43.5	41.9
42.9	43.5	41.6
43.0	43.5	41.8

Production Worker Average Hourly Earnings

Manu- facturing	Durable Goods	Nondurable Goods
\$ 7.29	\$ 7.49	\$ 6.73
7.84	8.06	7.25
8.57	8.81	7.96
9.53	9.82	8.80
10.07	10.37	9.38
10.56	10.90	9.77
10.96	11.35	10.02
11.38	11.81	10.31
11.56	11.98	10.57
11.73	12.11	10.86
12.00	12.41	11.03
12.02	12.43	11.04
12.01	12.42	11.00
12.05	12.48	11.01
11.88	12.25	11.04
11.91	12.30	11.01
12.05	12.48	11.05
12.08	12.51	11.06
12.17	12.62	11.09
12.20	12.62	11.18
12.21	12.61	11.22
12.21	12.59	11.28
12.25	12.63	11.31
12.23	12.61	11.32

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision. Subtotals may not add to totals due to rounding.

Employment and Average Weekly Earnings in Selected Major Manufacturing Industries^a

Stone, Clay & Glass Products	Primary Metal Industries	Fabricated Metal Products
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Machinery, Except Electrical	Electric & Electronic Equipment	Transportation Equipment
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Food & Kindred Products	Printing & Publishing	Rubber & Plastics Products
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Employment (thousands)

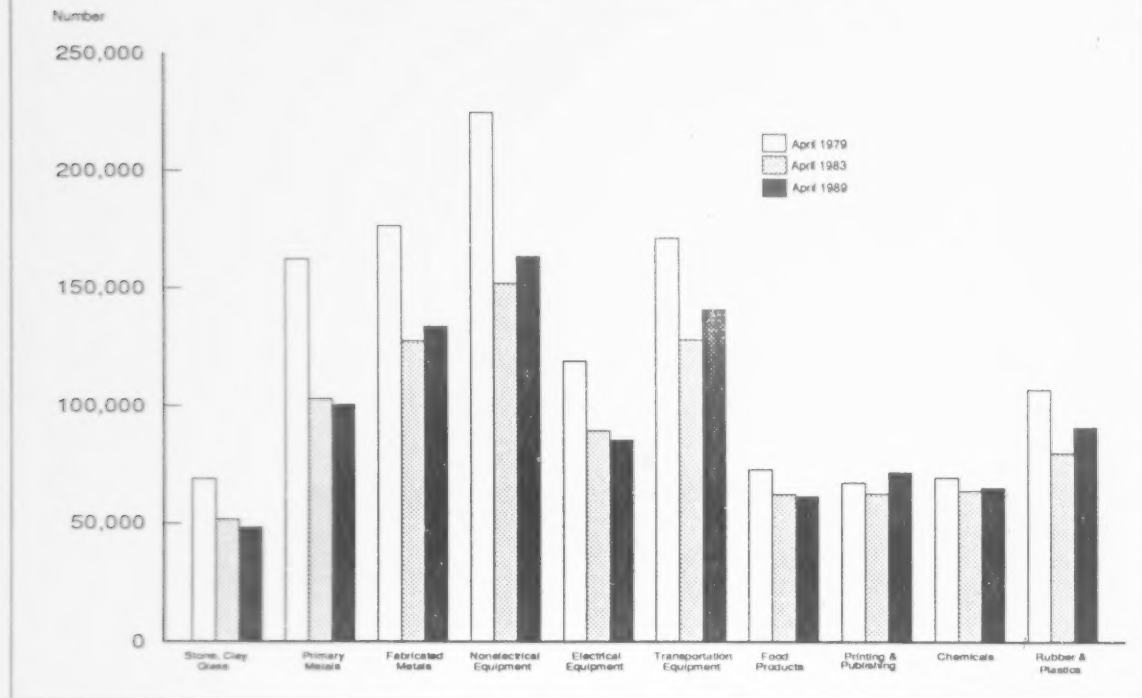
69.3	157.5	173.3	1978	216.7	122.2	164.1	1978	74.6	66.6	107.4
69.7	158.9	175.5	1979	223.6	117.6	165.8	1979	74.4	67.6	106.7
64.5	139.8	157.6	1980	211.4	106.4	139.1	1980	72.7	67.4	92.7
61.0	138.3	154.9	1981	204.2	101.9	136.9	1981	69.2	66.1	89.0
54.2	112.7	134.9	1982	176.7	93.4	121.7	1982	66.9	63.2	80.4
52.1	104.1	129.7	1983	154.3	89.4	132.1	1983	63.4	62.8	82.7
52.5	108.9	138.7	1984	167.3	93.1	144.9	1984	62.8	65.1	90.8
50.4	101.8	139.5	1985	166.2	90.7	151.2	1985	62.9	66.8	91.4
49.5	95.4	136.5	1986	158.6	89.1	153.9	1986	63.0	68.4	92.7
48.4	95.8	133.1	1987	155.2	86.7	149.0	1987	63.1	70.5	91.9
47.8	99.9	133.0	1988	158.7	86.3	141.8	1988	62.5	71.5	90.8
47.6	99.1	133.0	1988				1988			
48.0	100.0	133.5	April	157.7	86.0	143.4	April	61.0	71.0	90.7
48.7	100.3	134.5	May	157.1	86.3	142.7	May	61.3	70.7	90.7
48.6	98.5	132.7	June	158.2	86.6	141.9	June	62.4	71.3	91.4
48.7	99.1	131.1	July	158.8	85.4	140.9	July	62.2	71.3	90.0
48.3	101.1	133.3	August	158.6	86.0	140.5	August	63.7	71.4	90.6
48.2	100.9	133.5	September	159.9	86.0	139.4	September	66.4	71.8	90.9
48.4	101.6	134.4	October	160.4	86.6	140.6	October	63.9	72.0	91.5
47.8	102.0	134.8	November	161.7	86.9	142.6	November	63.4	72.0	91.8
			December	162.7	86.8	140.9	December	63.4	72.3	91.5
47.0	101.3	134.9	1989				1989			
46.7	100.7	133.6	January	163.0	86.5	141.6	January	62.5	71.9	91.3
47.4	100.2	133.2	February	163.1	85.7	141.0	February	61.1	71.8	91.3
48.1	100.2	133.6	March	163.2	85.6	141.0	March	61.1	71.7	90.9
			April	163.1	85.4	140.7	April	61.2	71.5	90.8

Average Weekly Earnings of Production Workers

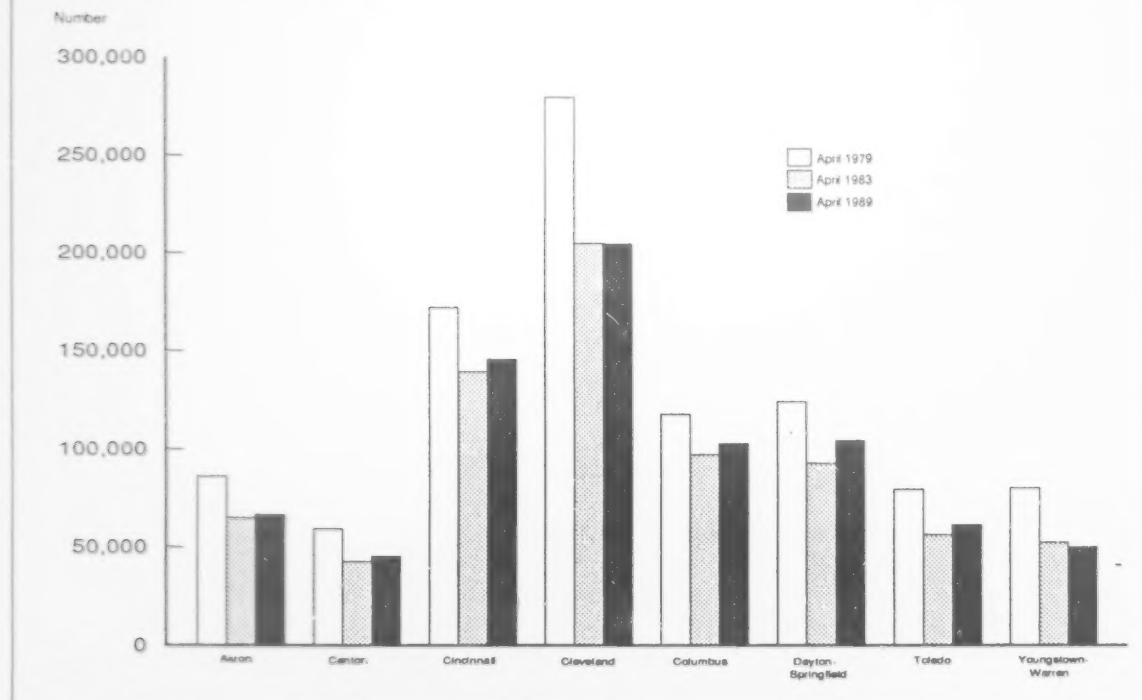
\$274.81	\$366.24	\$307.23	1978	\$306.16	\$268.45	\$389.66	1978	\$281.15	\$285.18	\$282.73
293.34	395.43	323.38	1979	329.09	289.27	391.56	1979	304.50	302.62	300.66
315.43	422.01	349.34	1980	352.77	316.31	414.83	1980	329.85	320.92	323.61
348.02	484.04	389.61	1981	389.16	350.27	471.50	1981	362.75	347.70	368.67
376.88	480.54	398.77	1982	392.63	366.56	506.99	1982	386.04	358.45	381.11
400.57	503.85	460.65	1983	424.09	394.63	557.92	1983	403.79	375.62	412.25
419.15	537.21	475.30	1984	467.61	420.65	603.46	1984	419.19	386.30	419.99
434.30	548.83	492.15	1985	475.58	433.30	635.26	1985	413.25	395.14	429.17
443.81	559.93	494.91	1986	485.18	459.80	632.06	1986	416.83	410.70	438.96
449.82	602.53	500.12	1987	502.36	463.01	638.13	1987	440.34	429.00	441.34
463.30	626.44	516.77	1988	526.48	472.50	675.24	1988	446.04	445.22	448.24
459.43	631.48	523.50	1988				1988			
468.70	633.36	518.06	April	528.23	472.92	662.64	April	443.22	440.95	453.10
469.15	642.16	531.73	May	526.59	469.25	678.00	May	436.31	445.31	452.92
458.53	607.31	498.80	June	531.19	471.66	690.53	June	438.88	441.00	451.62
457.69	619.10	500.83	July	517.65	457.56	639.64	July	447.30	440.27	434.70
470.42	632.80	517.97	August	508.26	464.80	653.17	August	456.22	445.61	434.84
468.47	628.60	522.97	September	530.64	474.47	698.88	September	446.45	452.63	453.96
473.90	639.77	531.29	October	537.14	470.12	699.79	October	440.37	448.33	454.14
463.01	636.55	531.73	November	545.13	477.99	717.02	November	452.83	449.80	459.46
			December	549.70	484.65	721.82	December	456.89	463.65	459.72
462.34	629.95	520.22	1989				1989			
463.49	619.89	512.40	January	551.15	481.38	702.15	January	441.08	445.02	460.42
465.38	621.72	511.20	February	543.22	470.40	714.48	February	440.18	451.61	451.93
469.70	627.14	511.20	March	545.43	466.34	724.23	March	449.35	454.31	442.68
			April	542.87	465.50	704.01	April	449.94	445.35	453.68

^aEstimated in cooperation with U.S. Bureau of Labor Statistics. Data for latest month are preliminary, although other months are subject to revision.

Employment in Major Manufacturing Industries



Manufacturing Employment in Metropolitan Areas



Ohio

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	4761.6	4707.6	4642.7	54.0	118.9
Manufacturing	1107.8	1106.9	1098.5	.9	9.3
Durable Goods ^e	748.8	748.1	741.8	.8	7.0
Lumber and wood products	23.5	22.8	21.2	.7	2.3
Furniture and fixtures	15.1	15.1	14.9	.0	.2
Stone, clay, and glass products	48.1	47.4	47.6	.7	.5
Glass and glassware, pressed or blown ..	8.9	8.9	8.7	.0	.2
Primary metal industries	100.2	100.2	99.1	.0	1.1
Blast furnace and basic steel products ..	44.9	45.3	45.6	-.4	-.6
Iron and steel foundries	20.2	20.2	19.1	.1	1.1
Nonferrous rolling and drawing	17.7	17.5	17.5	.2	.2
Fabricated metal products	133.6	133.2	133.0	.3	.6
Cutlery, hand tools, and hardware	9.9	9.9	10.1	.0	-.3
Fabricated structural metal products	28.2	28.0	28.0	.3	.2
Metal forgings and stampings	40.9	40.8	41.7	.1	-.8
Machinery, except electrical	163.1	163.2	157.7	-.1	5.4
Construction and related machinery	13.9	13.6	13.4	.3	.5
Metalworking machinery	42.4	42.5	40.9	.0	1.5
Special industry machinery	18.4	18.4	16.9	.0	1.4
General industrial machinery	28.7	28.9	28.1	-.2	.6
Office and computing machines	12.2	12.4	13.0	-.1	-.8
Refrigeration and service machinery	16.1	16.1	16.3	.0	-.2
Electric and electronic equipment	85.4	85.6	86.0	-.2	-.5
Electrical industrial apparatus	17.7	17.7	16.7	.0	1.0
Household appliances	15.1	15.3	15.8	-.1	-.6
Electric lighting and wiring equipment	17.1	17.3	17.1	-.1	.0
Communication equipment	9.2	9.1	9.4	.1	-.2
Transportation equipment	140.7	141.0	143.4	-.4	-2.7
Motor vehicles and equipment	95.7	95.9	95.4	-.2	.2
Aircraft and parts	36.2	36.3	39.1	-.1	-3.0
Instruments and related products	24.4	24.5	24.3	-.2	.0
Measuring and controlling devices	13.2	13.3	13.4	-.1	-.3
Nondurable Goods ^f	358.9	358.8	356.7	.1	2.3
Food and kindred products	61.2	61.1	61.0	.1	.2
Meat products	8.6	8.6	8.8	.0	-.1
Dairy products	9.4	9.3	9.5	.0	-.1
Preserved fruits and vegetables	11.5	11.5	11.0	.0	.6
Bakery products	9.5	9.4	9.4	.1	.0
Beverages	8.8	8.8	9.1	.0	-.3
Apparel and other textile products	16.1	16.0	15.2	.1	.9
Paper and allied products	37.0	37.0	37.2	.0	-.2
Misc. converted paper products	12.0	12.0	11.9	.0	.1
Paperboard containers and boxes	13.1	13.1	13.2	.0	-.1
Printing and publishing	71.5	71.7	71.0	-.2	.5
Newspapers	18.6	18.7	18.6	-.1	.0
Commercial printing	28.2	28.3	27.8	.0	.4
Chemicals and allied products	65.0	64.9	64.2	.1	.8
Industrial inorganic chemicals	8.9	8.9	9.1	.1	-.1
Rubber and misc. plastics products	90.8	90.9	90.7	-.2	.0
Tires and inner tubes	14.4	14.3	14.6	.0	-.2
Miscellaneous plastics products	56.2	56.2	56.0	-.1	.1

See footnotes on page 13.

Nonagricultural Wage and Salary Employment^a

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Nonmanufacturing	3653.8	3600.8	3544.3	53.1	109.6
Mining	19.0	18.7	19.1	.3	-.1
Bituminous coal and lignite mining	7.8	7.7	7.9	.1	-.1
Oil and gas extraction	6.3	6.5	6.3	-.2	.0
Construction	184.4	170.8	172.1	13.6	12.3
General building contractors	46.8	44.2	44.0	2.6	2.8
Heavy construction contractors	22.1	18.3	20.7	3.9	1.4
Highway and street construction	7.3	5.2	7.2	2.1	.1
Special trade contractors	115.5	108.4	107.5	7.1	8.0
Transportation and Public Utilities	212.8	209.7	209.4	3.1	3.5
Railroad transportation	13.1	12.6	13.2	.6	-.1
Transportation, except railroads	112.3	109.9	107.8	2.4	4.5
Trucking and warehousing	75.8	75.1	73.9	.8	2.0
Communication, electric, gas services	87.4	87.2	88.3	.2	-.9
Communication	45.8	45.7	46.8	.1	-1.0
Electric, gas, and sanitary services	41.6	41.5	41.5	.0	.1
Wholesale Trade	259.9	257.8	251.6	2.0	8.3
Wholesale trade-durable goods	164.7	163.3	159.5	1.3	5.2
Motor vehicles & automotive equipment ..	23.0	22.9	22.4	.1	.6
Electrical goods	18.3	18.3	18.3	.0	.0
Machinery, equipment, and supplies	70.5	70.1	68.5	.4	2.0
Wholesale trade-nondurable goods	95.2	94.5	92.1	.7	3.1
Groceries and related products	30.3	30.1	29.4	.2	.9
Retail Trade	889.6	876.3	859.6	13.2	30.0
General merchandise stores	118.9	119.4	116.2	-.5	2.8
Department stores	101.6	102.0	100.2	-.4	1.4
Food stores	143.8	142.1	136.4	1.7	7.4
Automotive dealers & service stations	97.4	96.1	94.8	1.3	2.6
Apparel and accessory stores	45.4	45.0	43.1	.4	2.3
Eating and drinking places	301.5	294.1	297.2	7.4	4.3
Finance, Insurance, and Real Estate	253.2	251.5	247.5	1.7	5.7
Banking	64.5	64.4	63.3	.1	1.2
Credit agencies other than banks	38.4	38.2	38.2	.2	.3
Insurance carriers	70.2	70.0	69.5	.2	.8
Life insurance	26.0	25.9	25.7	.1	.3
Fire, marine, and casualty insurance	31.0	31.0	30.9	.1	.2
Services	1124.7	1103.0	1079.8	21.8	44.9
Hotels and other lodging places	36.8	35.4	35.2	1.3	1.6
Personal services	60.5	59.7	58.4	.7	2.1
Laundry, cleaning, & garment services ...	19.1	18.8	18.6	.3	.5
Business services	234.2	230.0	217.2	4.2	17.1
Services to buildings	32.6	32.2	31.0	.4	1.5
Computer and data processing services ..	23.0	22.8	21.1	.2	2.0
Amusement and recreation services	38.0	30.3	38.8	7.7	-.8
Health services	377.5	376.3	366.5	1.2	11.1
Nursing and personal care facilities	83.1	82.5	80.7	.7	2.5
Hospitals	184.6	184.5	180.9	.2	3.7
Educational services	67.7	67.8	65.8	-.1	1.9
Colleges and universities	37.7	38.0	36.4	-.3	1.3
Government	710.2	712.9	705.2	-2.7	5.0
Federal government	95.9	94.9	94.3	1.0	1.6
State government	166.8	166.9	162.6	-.1	4.2
State government education	91.8	92.5	88.0	-.7	3.8
State government, except education	75.0	74.4	74.6	.6	.4
Local government	447.5	451.1	448.3	-3.6	-.8
Local government education	264.0	266.3	266.1	-2.3	-2.1
Local government, except education	183.5	184.8	182.2	-1.3	1.3

See footnotes on page 13.

Ohio

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$525.89	\$525.53	\$516.86	43.0	42.9	43.0	\$12.23	\$12.25	\$12.02
Durable Goods ^g	548.54	549.41	538.22	43.5	43.5	43.3	12.61	12.63	12.43
Lumber and wood products	355.97	324.00	312.64	43.2	40.5	41.3	8.24	8.00	7.57
Furniture and fixtures	383.64	367.93	354.56	41.7	40.7	40.2	9.20	9.04	8.82
Stone, clay, and glass products	469.70	465.38	459.43	42.7	42.5	42.5	11.00	10.95	10.81
Glass and glassware, pressed or blown	489.90	491.10	494.91	41.8	42.3	42.3	11.72	11.61	11.70
Primary metal industries	627.14	621.72	631.48	44.7	44.6	45.3	14.03	13.94	13.94
Blast furnace and basic steel products	648.17	645.75	648.07	45.2	45.0	45.8	14.34	14.35	14.15
Iron and steel foundries	662.52	647.36	671.52	45.1	44.8	45.9	14.69	14.45	14.63
Nonferrous rolling and drawing	647.02	631.76	652.94	42.4	41.7	43.5	15.26	15.15	15.01
Fabricated metal products	511.20	511.20	523.50	42.6	42.6	43.3	12.00	12.00	12.09
Cutlery, hand tools, and hardware	500.80	494.40	498.54	40.0	40.0	41.1	12.52	12.36	12.13
Fabricated structural metal products	456.18	448.45	452.76	42.2	41.6	42.0	10.81	10.78	10.78
Metal forgings and stampings	638.81	639.13	660.29	44.3	44.2	45.6	14.42	14.46	14.48
Machinery, except electrical	542.87	545.43	528.23	44.1	44.2	43.8	12.31	12.34	12.06
Construction and related machinery	440.75	438.13	416.57	41.0	41.1	40.8	10.75	10.66	10.21
Metalworking machinery	524.43	521.20	500.09	44.9	44.7	44.1	11.68	11.66	11.34
Special industry machinery	514.05	518.20	505.12	44.7	45.1	44.0	11.50	11.49	11.48
General industrial machinery	564.20	573.33	560.90	43.5	43.9	44.2	12.97	13.06	12.69
Office and computing machines	445.32	439.48	421.78	40.3	39.7	40.4	11.05	11.07	10.44
Refrigeration and service machinery	643.13	631.51	624.59	44.6	44.1	43.8	14.42	14.32	14.26
Electric and electronic equipment	465.50	466.34	472.92	41.6	41.6	42.0	11.19	11.21	11.26
Electrical industrial apparatus	484.66	483.78	478.16	44.1	43.9	43.0	10.99	11.02	11.12
Household appliances	476.32	479.53	489.23	39.3	39.5	40.6	12.12	12.14	12.05
Electric lighting and wiring equipment	484.64	481.73	490.36	41.6	41.6	42.2	11.65	11.58	11.62
Communication equipment	499.05	508.79	494.91	42.4	42.9	41.8	11.77	11.86	11.84
Transportation equipment	704.01	724.23	662.64	45.1	46.1	44.0	15.61	15.71	15.06
Motor vehicles and equipment	729.58	758.16	703.35	45.4	46.8	45.0	16.07	16.20	15.63
Aircraft and parts	660.74	637.14	550.22	45.6	44.4	41.0	14.49	14.35	13.42
Instruments and related products	375.25	377.88	357.63	39.5	40.2	39.3	9.50	9.40	9.10
Measuring and controlling devices	375.58	375.71	351.59	38.6	39.3	38.3	9.73	9.56	9.18
Nondurable Goods ^f	473.18	470.50	465.89	41.8	41.6	42.2	11.32	11.31	11.04
Food and kindred products	449.94	449.35	443.22	41.7	41.8	41.5	10.79	10.75	10.68
Meat products	377.16	365.72	354.92	42.0	41.0	39.7	8.98	8.92	8.94
Dairy products	464.40	441.41	455.99	43.2	41.8	42.3	10.75	10.56	10.78
Preserved fruits and vegetables	486.36	495.44	476.15	42.0	42.6	42.1	11.58	11.63	11.31
Bakery products	460.92	468.05	462.95	38.7	39.2	39.2	11.91	11.94	11.81
Beverages	432.72	445.40	426.54	40.9	41.9	40.7	10.58	10.63	10.48
Apparel and other textile products	297.99	299.54	297.31	38.7	38.7	39.8	7.70	7.74	7.47
Paper and allied products	495.03	498.44	503.10	43.5	43.8	44.8	11.38	11.38	11.23
Misc. converted paper products	453.17	449.08	439.78	43.7	43.6	43.2	10.37	10.30	10.18
Paperboard containers and boxes	426.22	427.23	439.49	42.2	42.3	43.6	10.10	10.10	10.08
Printing and publishing	445.35	454.31	440.95	39.1	39.3	39.3	11.39	11.56	11.22
Newspapers	378.56	371.84	370.19	33.8	33.2	34.5	11.20	11.20	10.73
Commercial printing	432.92	454.72	440.64	39.9	40.6	40.8	10.85	11.20	10.60
Chemicals and allied products	581.57	575.95	548.63	42.7	42.6	42.3	13.62	13.52	12.97
Industrial inorganic chemicals	595.21	603.42	592.21	43.1	43.6	43.9	13.81	13.84	13.49
Rubber and misc. plastics products	453.68	442.68	453.10	42.8	42.0	43.4	10.60	10.54	10.44
Tires and inner tubes	703.16	693.73	685.33	46.2	45.7	46.4	15.22	15.18	14.77
Miscellaneous plastics products	438.78	426.17	436.17	42.6	41.7	43.1	10.30	10.22	10.12

See footnotes on page 13.

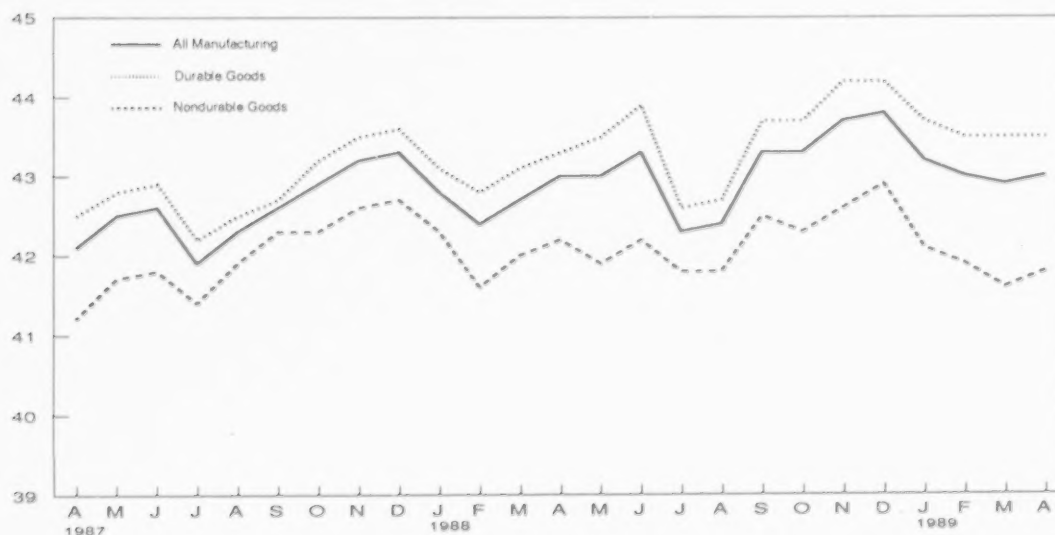
Ohio (continued)

**Hours and Earnings
of Production or
Nonsupervisory
Workers^a**

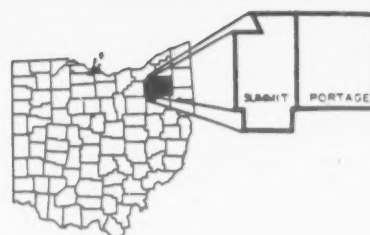
	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Mining	\$579.04	\$570.24	\$539.30	43.8	43.2	42.7	\$13.22	\$13.20	\$12.63
Bituminous coal and lignite mining	700.34	700.77	652.13	42.6	42.6	42.1	16.44	16.45	15.49
Construction	604.69	593.54	560.71	39.6	39.1	38.3	15.27	15.18	14.64
Transportation and Public Utilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	577.73	568.83	559.63	40.8	40.4	40.7	14.16	14.08	13.75
Communication	544.68	535.86	533.97	39.7	39.2	39.7	13.72	13.67	13.45
Electric, gas, and sanitary services	614.88	606.52	590.79	42.0	41.8	41.9	14.64	14.51	14.10
Wholesale Trade	398.97	398.19	387.09	39.0	39.0	39.1	10.23	10.21	9.90
Wholesale trade-durable goods	389.00	389.00	382.59	38.9	38.9	39.2	10.00	10.00	9.76
Wholesale trade-nondurable goods	418.43	414.34	393.82	39.4	39.2	38.8	10.62	10.57	10.15
Retail Trade ^h	172.43	170.93	164.71	28.5	28.3	28.3	6.05	6.04	5.82
General merchandise stores	185.83	181.32	177.10	28.9	28.6	28.2	6.43	6.34	6.28
Department stores	190.31	186.12	181.40	29.1	28.9	28.3	6.54	6.44	6.41
Finance, Insurance, and Real Estate .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	269.37	269.11	266.61	.....	.....	.....	.....	.....	.....
Credit agencies other than banks	277.13	276.61	264.15	.....	.....	.....	.....	.....	.....
Insurance carriers	388.20	391.76	372.02	.....	.....	.....	.....	.....	.....
Services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	347.19	346.54	337.95	32.6	32.6	33.1	10.65	10.63	10.21

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^hMoney payments only; tips not included. ⁱIncludes State universities, State schools for deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

**Average Weekly Hours of Production Workers
in Ohio Manufacturing Industries**



AKRON PRIMARY METROPOLITAN STATISTICAL AREA



Nonfarm wage and salary employment in the Akron metropolitan area totaled 279,300 in April, increasing 2,700 from March 1989. Seasonal gains in services, construction, and retail trade accounted for most of the improvement. Manufacturing employment, at 66,200, was unchanged over the month. Factory production workers averaged \$11.48 per hour, up \$.04 from March. Their average workweek of 42.6 hours was .1 hours shorter.

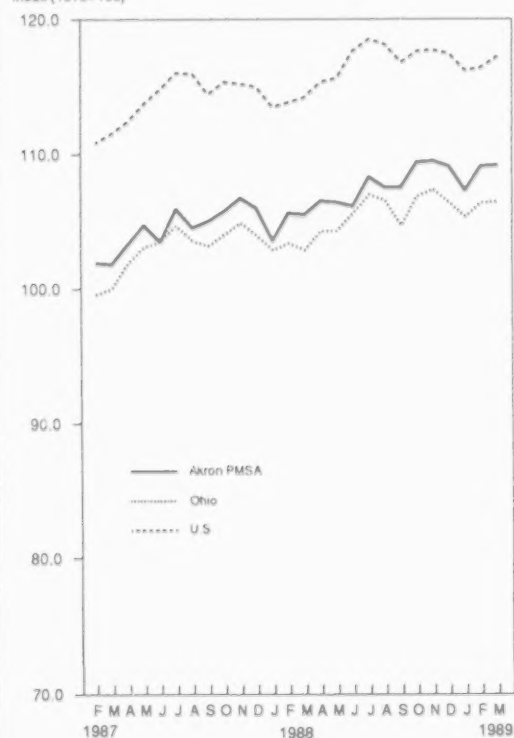
Nonagricultural payroll employment advanced 8,400 between April 1988 and April 1989. Leading growth industries were services, especially business services, and retail trade. Moderate expansion also occurred in state schools and colleges, wholesale trade, and construction. Manufacturing employment increased 200 over the year. Improvements in nonelectrical machinery and rubber and miscellaneous plastics products were partially offset by reductions in fabricated metal products and chemicals and allied products.

Indexes of Total Employment

Akron PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

Index (1979=100)

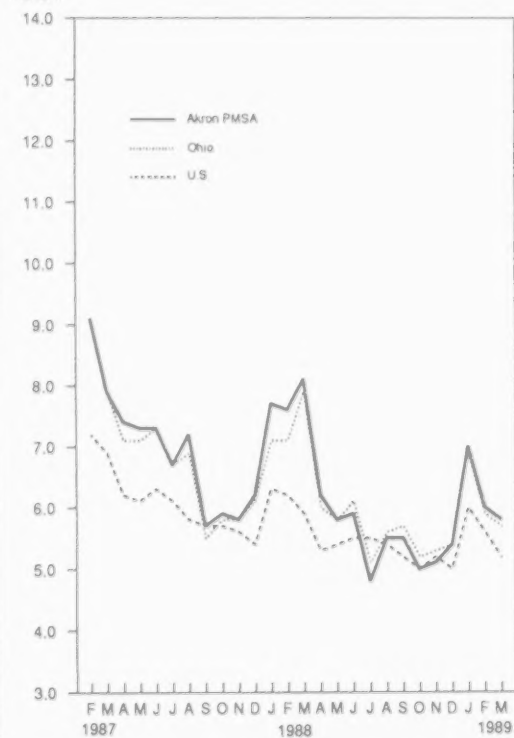


Unemployment Rates

Akron PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

Percent



Akron PMSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force			
Total	Employed	Unemployed	
		Total	Rate
298.9	282.2	16.7	5.6
303.8	285.4	18.4	6.1
304.5	278.3	26.2	8.6
304.1	274.9	29.1	9.6
303.9	268.0	35.9	11.8
302.5	265.2	37.3	12.3
316.5	285.8	30.6	9.7
317.8	289.9	28.0	8.8
320.4	294.8	25.6	8.0
320.3	297.5	22.7	7.1
325.3	305.6	19.7	6.0
327.8	301.2	26.6	8.1
324.0	304.0	19.9	6.2
322.4	303.8	18.6	5.8
322.0	302.9	19.1	5.9
324.5	309.1	15.5	4.8
324.7	306.7	17.9	5.5
324.8	306.9	17.9	5.5
328.7	312.2	16.5	5.0
329.3	312.4	16.9	5.1
329.3	311.3	17.9	5.4
329.4	306.2	23.2	7.0
331.3	311.4	19.9	6.0
330.7	311.6	19.1	5.8
INA	INA	INA	INA

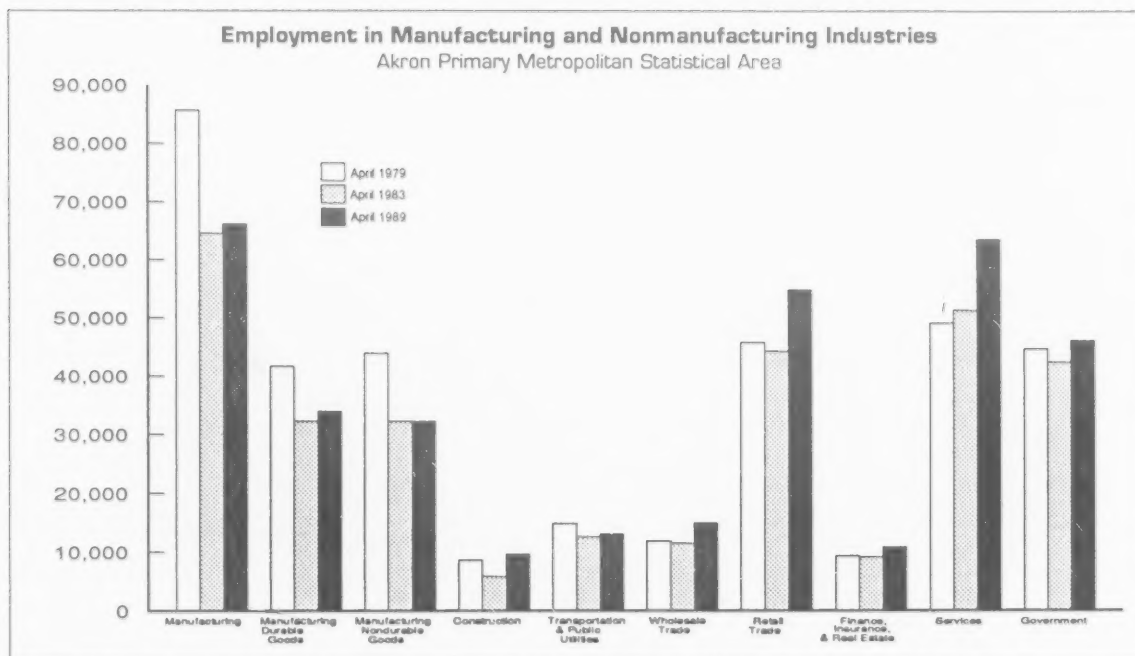
1978
1979
1980
1981
1982
1983
1984
1985
1986
1987
1988

1988
March
April
May
June
July
August
September
October
November
December

1989
January
February
March
April

Nonagricultural Wage & Salary Employment					
			Manufacturing Production Workers		
			Hours & Earnings		
			Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
266.6	85.9	49.4	\$304.14	42.3	\$ 7.19
270.9	85.6	53.8	321.57	41.6	7.73
262.4	79.1	47.5	361.88	41.5	8.72
259.5	75.7	43.7	397.10	41.8	9.50
248.8	68.3	36.9	403.03	41.0	9.83
244.7	65.2	33.4	452.12	43.1	10.49
252.2	67.9	38.0	470.65	43.7	10.77
257.6	68.1	37.3	475.20	43.2	11.00
260.7	67.2	36.4	484.70	43.2	11.22
265.1	66.4	36.5	487.03	43.1	11.30
271.9	65.8	37.5	496.37	43.2	11.49
268.3	65.7	37.3	495.07	43.2	11.46
270.8	65.9	37.3	512.60	43.7	11.73
273.8	65.8	37.6	504.88	43.3	11.66
270.4	66.4	38.0	518.62	44.1	11.76
270.6	66.0	37.7	493.93	43.1	11.46
269.0	64.8	36.5	480.53	42.6	11.28
276.8	65.4	37.3	489.89	43.2	11.34
277.2	65.4	37.5	488.78	42.8	11.42
281.7	67.0	39.2	496.78	42.9	11.58
279.7	66.6	39.0	493.06	43.1	11.44
268.3	66.8	39.1	489.77	42.7	11.47
273.8	66.3	38.9	483.36	42.4	11.40
276.6	66.1	38.7	488.49	42.7	11.44
279.3	66.2	39.0	489.05	42.6	11.48

INA - information not available



Nonagricultural Wage and Salary Employment^a

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	279.3	276.6	270.8	2.7	8.4
Manufacturing	66.2	66.1	65.9	.0	.2
Durable Goods ^e	33.9	34.1	34.1	-.2	-.2
Fabricated metal products	11.0	10.9	11.1	.0	-.2
Machinery, except electrical	9.7	9.7	9.3	.0	.4
Metalworking machinery	3.4	3.5	3.2	.0	.2
Nondurable Goods ^f	32.2	32.0	31.8	.2	.4
Food and kindred products	2.8	2.8	2.9	.0	.0
Chemicals and allied products	3.6	3.5	3.8	.0	-.2
Rubber and misc. plastics products	19.3	19.3	19.1	.0	.2
Tires and inner tubes	10.1	10.1	10.5	.0	-.4
Nonmanufacturing ^g	213.1	210.5	204.9	2.7	8.2
Construction	9.5	8.7	8.9	.8	.7
Transportation and Public Utilities	13.0	13.0	12.8	.0	.2
Communication, electric, gas services	4.8	4.8	4.9	.0	-.1
Wholesale Trade	15.0	14.8	14.1	.2	.8
Retail Trade	54.8	54.2	52.4	.6	2.5
General merchandise stores	6.4	6.4	6.1	.0	.2
Finance, Insurance, and Real Estate	10.7	10.6	10.6	.1	.1
Banking	3.1	3.1	3.1	.0	.0
Services	63.4	62.2	60.6	1.2	2.8
Business services	14.2	14.0	12.9	.2	1.4
Amusement and recreation services	3.2	2.8	2.9	.4	.3
Health services	20.3	20.4	19.8	-.1	.4
Government	46.1	46.3	45.0	-.2	1.0
State government	17.4	17.5	16.6	-.1	.8
State government education ^h	14.5	14.6	13.6	-.1	.9
State government, except education	2.9	2.9	3.0	.0	-.1
Local government	26.1	26.2	26.0	-.1	.1
Local government education	14.9	15.2	14.7	-.3	.2
Local government, except education	11.2	11.0	11.3	.2	-.1

Akron PMSA

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$489.05	\$488.49	\$512.60	42.6	42.7	43.7	\$11.48	\$11.44	\$11.73
Durable Goods ^e	500.55	507.60	534.26	42.6	43.2	43.9	11.75	11.75	12.17
Fabricated metal products	625.81	622.48	713.23	43.1	42.9	46.8	14.52	14.51	15.24
Machinery, except electrical	458.18	480.13	458.20	44.7	46.3	44.1	10.25	10.37	10.39
Metalworking machinery	469.80	509.65	476.41	43.5	46.8	45.2	10.80	10.89	10.54
Nondurable Goods ^f	472.60	462.42	481.74	42.5	42.0	43.4	11.12	11.01	11.10
Food and kindred products	429.09	434.30	443.93	42.4	43.0	42.4	10.12	10.10	10.47
Chemicals and allied products	526.38	513.95	496.78	42.9	42.3	42.9	12.27	12.15	11.58
Rubber and misc. plastics products	479.70	466.99	506.21	43.1	42.3	44.6	11.13	11.04	11.35
Tires and inner tubes	824.79	822.64	790.15	50.2	50.1	49.2	16.43	16.42	16.06
Transportation and Public Utilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	578.14	573.89	558.90	40.8	40.5	40.5	14.17	14.17	13.80
Wholesale Trade	352.69	350.97	349.65	37.6	37.1	37.8	9.38	9.46	9.25
Retail Trade ^h	213.53	207.05	194.38	32.6	32.1	31.1	6.55	6.45	6.25

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

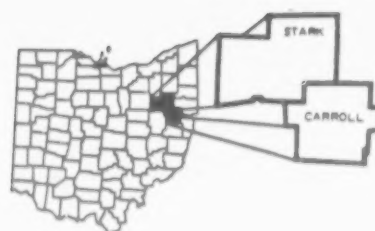
Selected Administrative Program Activities

Akron PMSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	2,482	3,188	2,223
Active File of Job Seekers	18,414	18,938	17,652
Referrals to Jobs	1,769	2,601	1,006
Placements	258	686	347
Job Openings Received	786	951	1,013
Job Openings Unfilled	1,785	1,561	1,159
Unemployment Insurance Program			
Initial Claims	1,744	2,594	2,074
Continued Claims	23,590	33,945	26,945
First Payments	923	1,514 ^a	1,065
Last Payments	309	340	421
Weeks Compensated	22,159	32,214	24,925
Benefits Paid	\$3,430,270	\$5,008,274	\$3,840,322
Average Weekly Payment	\$159.20	\$160.44	\$157.23

^a Revised

CANTON METROPOLITAN STATISTICAL AREA



Note: Canton metropolitan area statistics are no longer funded and validated by the U.S. Bureau of Labor Statistics.

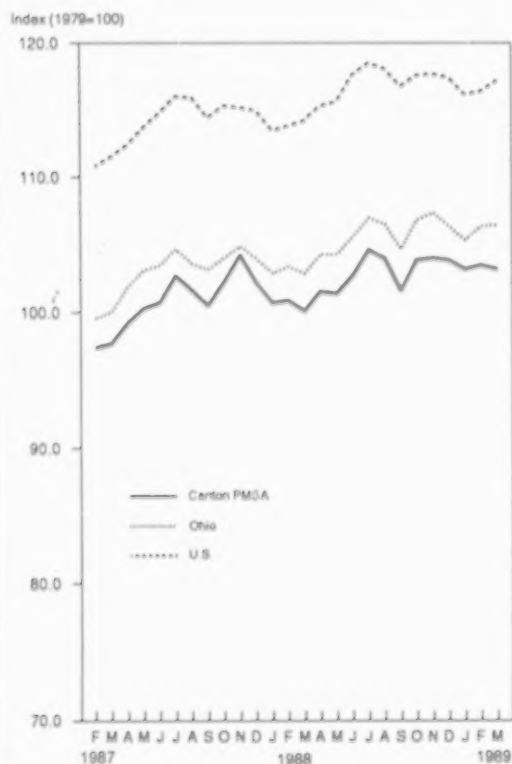
Nonagricultural payroll employment in the Canton metropolitan area increased 2,800 from March to 162,800 in April 1989. The gain was concentrated in the nonmanufacturing sector. Seasonal growth occurred in services, construction, and retail trade. The manufacturing workforce added 200 jobs over the month to 45,400. Factory production workers averaged \$11.76 per hour, up fractionally from March. Their average workweek of 42.5 hours was .2 hours longer.

Total nonfarm wage and salary employment advanced 4,900 between April 1988 and April 1989. A major portion of the improvement occurred in retail trade, services, and construction. Growth in primary metal industries and rubber and miscellaneous plastics products helped raise manufacturing employment 1,000 over the year.

Indexes of Total Employment

Canton MSA, Ohio and U.S.

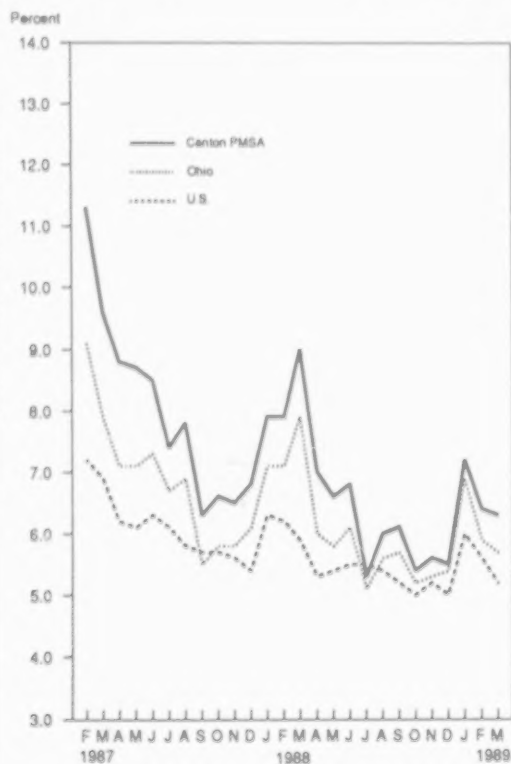
(Not Seasonally Adjusted)



Unemployment Rates

Canton MSA, Ohio and U.S.

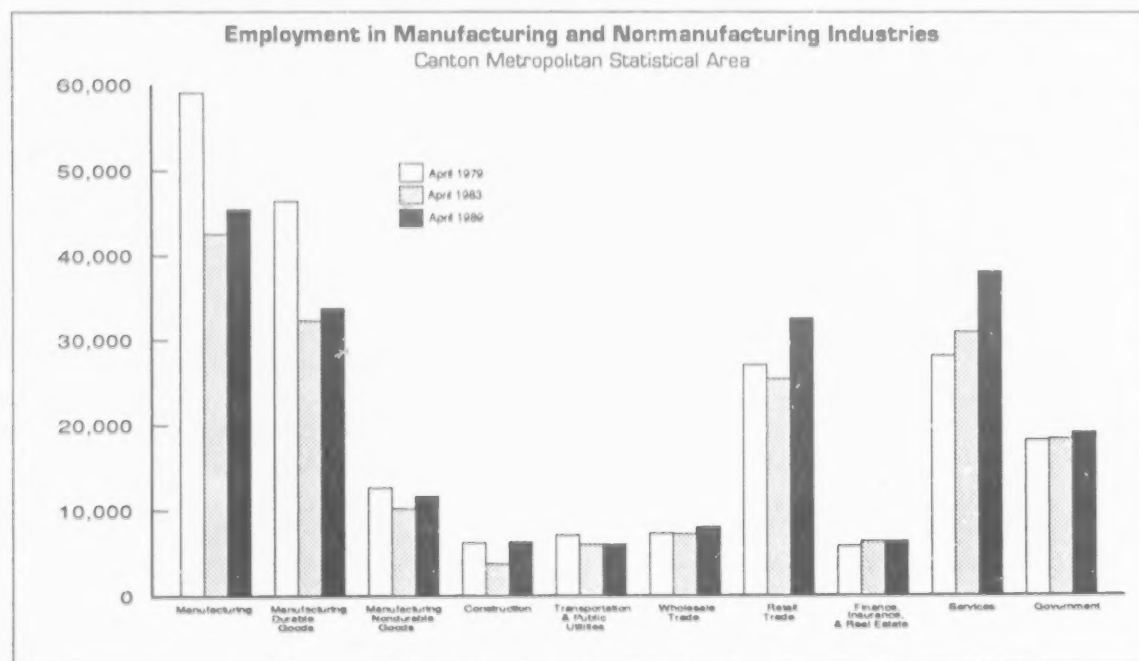
(Not Seasonally Adjusted)



Canton MSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment							
					Manufacturing Employment					Manufacturing Production Workers		
										Hours & Earnings		
										Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
Total	Employed	Unemployed										
Total	Rate											
179.9	170.0	9.9	5.5	1978	156.1	57.1	42.2	\$304.67	40.3	\$ 7.56		
184.3	173.7	10.6	5.7	1979	160.8	59.1	43.2	330.88	40.9	8.09		
187.7	170.9	16.8	8.9	1980	157.1	55.7	40.1	342.81	39.0	8.79		
188.4	170.1	18.2	9.7	1981	156.6	54.8	39.6	390.40	40.0	9.76		
191.4	164.3	27.0	14.1	1982	148.6	47.6	33.3	394.49	38.6	10.22		
187.0	159.5	27.5	14.7	1983	143.4	43.5	30.6	422.14	39.6	10.66		
188.1	168.1	19.9	10.6	1984	149.1	46.4	33.6	437.53	40.4	10.83		
189.5	169.5	20.0	10.6	1985	151.5	46.2	33.8	435.81	39.8	10.95		
190.5	171.2	19.4	10.2	1986	151.9	43.7	31.0	451.76	40.3	11.21		
190.4	174.7	15.7	8.2	1987	156.4	44.0	31.2	475.15	41.9	11.34		
190.5	178.0	12.6	6.6	1988	159.5	44.9	32.1	489.49	42.9	11.41		
1988												
191.0	173.9	17.2	9.0	March	155.7	44.4	32.0	488.48	43.0	11.36		
189.5	176.3	13.2	7.0	April	157.9	44.4	31.5	493.34	43.2	11.42		
188.7	176.2	12.5	6.6	May	159.7	44.6	31.7	492.05	43.2	11.39		
191.5	178.4	13.1	6.8	June	160.8	45.1	32.3	485.78	42.8	11.35		
191.9	181.7	10.2	5.3	July	160.6	45.2	32.3	475.88	42.3	11.25		
192.3	180.6	11.6	6.0	August	159.7	44.7	31.8	474.47	42.1	11.27		
188.0	176.5	11.5	6.1	September	160.9	45.1	32.2	487.34	42.6	11.44		
190.9	180.5	10.3	5.4	October	162.2	45.3	32.4	493.78	42.9	11.51		
191.4	180.7	10.7	5.6	November	163.6	45.4	32.7	490.78	42.9	11.44		
191.0	180.5	10.4	5.5	December	163.0	45.7	33.0	499.23	43.0	11.61		
1989												
193.0	179.2	13.9	7.2	January	160.0	46.0	33.2	500.39	43.1	11.61		
192.1	179.7	12.3	6.4	February	159.1	45.3	32.5	491.90	42.7	11.52		
191.4	179.3	12.1	6.3	March	160.0	45.2	32.4	497.03	42.3	11.75		
INA	INA	INA	INA	April	162.8	45.4	32.6	499.80	42.5	11.76		

INA - information not available



Canton MSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	162.8	160.0	157.9	2.8	4.9
Manufacturing	45.4	45.2	44.4	.2	1.0
Durable Goods ^e	33.7	33.7	33.0	.1	.8
Primary metal industries	11.6	11.6	11.0	.0	.6
Fabricated metal products	6.6	6.6	6.6	.0	.0
Metal forgings and stampings	2.2	2.2	2.1	.0	.2
Nondurable Goods ^f	11.7	11.6	11.4	.1	.2
Food and kindred products	3.2	3.1	3.1	.0	.0
Rubber and misc. plastics products	3.0	3.1	3.0	.0	.1
Nonmanufacturing^g	117.4	114.7	113.5	2.6	3.9
Construction	6.3	5.6	5.5	.7	.7
Transportation and Public Utilities	6.0	5.8	5.6	.1	.4
Communication, electric, gas services	2.7	2.7	2.5	.0	.2
Wholesale Trade	8.0	8.0	7.9	.1	.2
Wholesale trade-durable goods	4.4	4.4	4.3	.0	.1
Retail Trade	32.6	31.9	31.3	.7	1.3
General merchandise stores	3.9	4.0	3.7	.0	.2
Food stores	5.7	5.6	5.2	.0	.4
Finance, Insurance, and Real Estate	6.3	6.3	6.4	.1	-.1
Banking	1.8	1.8	1.8	.0	.1
Services	38.1	37.2	36.8	.9	1.3
Health services	15.3	15.2	15.2	.1	.1
Government	19.2	19.2	19.1	.0	.1
State government (includes education)	1.7	1.7	1.8	.0	.0
Local government	16.1	16.0	15.9	.0	.2
Local government education	9.8	9.8	9.8	.0	.1
Local government, except education	6.3	6.2	6.2	.1	.1

Hours and Earnings of Production or Nonsupervisory Workers^a

Canton MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$499.80	\$497.03	\$493.34	42.5	42.3	43.2	\$11.76	\$11.75	\$11.42
Durable Goods ^e	531.72	531.72	516.53	43.3	43.3	43.7	12.28	12.28	11.82
Primary metal industries	615.06	612.26	616.90	45.9	46.0	47.2	13.40	13.31	13.07
Fabricated metal products	491.82	493.74	431.14	42.0	42.2	41.1	11.71	11.70	10.49
Metal forgings and stampings	578.34	573.80	581.93	42.0	41.4	40.3	13.77	13.86	14.44
Nondurable Goods ^f	400.60	385.71	418.14	40.1	39.0	41.4	9.99	9.89	10.10
Food and kindred products	415.16	394.61	416.57	38.8	38.2	38.5	10.70	10.33	10.82
Rubber and misc. plastics products	406.30	402.11	430.68	41.8	41.2	42.1	9.72	9.76	10.23
Transportation and Public Utilities	575.09	551.04	585.01	40.7	39.7	42.3	14.13	13.88	13.83
Communication, electric, gas services ..	575.09	551.04	585.01	40.7	39.7	42.3	14.13	13.88	13.83
Wholesale Trade	387.60	384.92	381.78	38.0	37.7	37.8	10.20	10.21	10.10
Retail Trade ^h	162.71	163.02	157.90	28.2	28.5	28.4	5.77	5.72	5.56

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; machinery, except electrical; electric and electronic equipment; transportation equipment; instruments and related products; miscellaneous manufacturing.

^fIncludes tobacco manufactures; textile mill products; apparel and other textile mill products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products.

^gIncludes mining. ^hMoney payments only; tips not included. ⁱDepressed due to labor-management disputes.

Selected Administrative Program Activities

Canton MSA

Employment Service Program

New Applicants	1,248	1,459	1,380
Active File of Job Seekers	12,037	11,994	12,506
Referrals to Jobs	1,039	1,017	1,156
Placements	475	216	144
Job Openings Received	377	465	531
Job Openings Unfilled	589	1,023	833

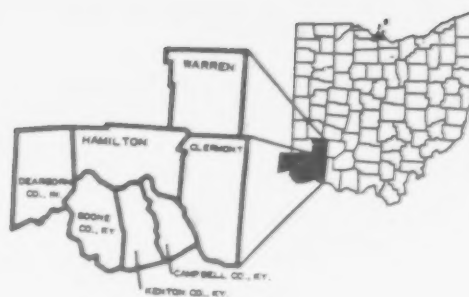
Unemployment Insurance Program

Initial Claims	2,032	2,899	1,422
Continued Claims	14,484	20,532	18,033
First Payments	1,065	1,110 ^a	723
Last Payments	170	233	269
Weeks Compensated	13,299	17,798	15,793
Benefits Paid	\$2,066,387	\$2,700,987	\$2,270,132
Average Weekly Payment	\$161.22	\$155.62	\$147.62

April 1989	March 1989	April 1988
1,248	1,459	1,380
12,037	11,994	12,506
1,039	1,017	1,156
475	216	144
377	465	531
589	1,023	833
2,032	2,899	1,422
14,484	20,532	18,033
1,065	1,110 ^a	723
170	233	269
13,299	17,798	15,793
\$2,066,387	\$2,700,987	\$2,270,132
\$161.22	\$155.62	\$147.62

^aRevised

CINCINNATI PRIMARY METROPOLITAN STATISTICAL AREA



In the Cincinnati metropolitan area, nonfarm payroll employment increased 10,700 from March to 721,800 in April 1989. Seasonal hirings in services, especially amusement and recreation services, retail trade, and construction accounted for most of the improvement. Manufacturing employment rose 500 to 145,600. Modest gains were recorded in transportation equipment and apparel and other textile products. Factory production workers averaged \$11.52 per hour, up \$.06 from March. Their average workweek was .6 hours longer at 43.1 hours.

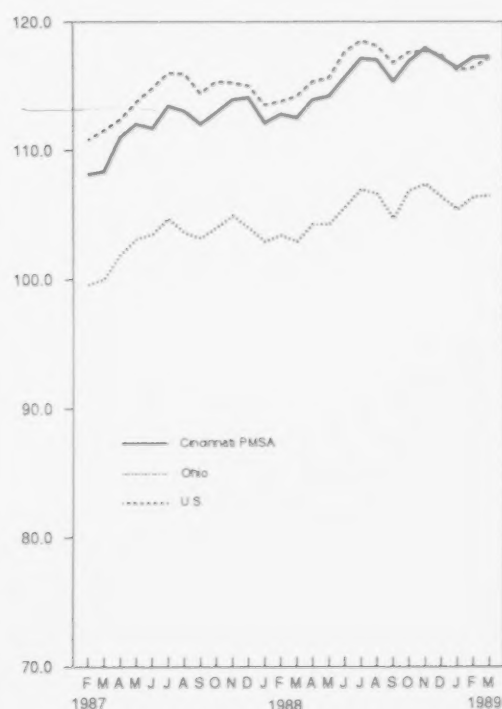
Nonagricultural wage and salary employment advanced 27,400 between April 1988 and April 1989. Primary growth sectors were services, especially business services, and retail trade. Significant increases were also recorded in construction and transportation and public utilities. The manufacturing workforce added 1,300 jobs over the year. Gains in food and kindred products, nonelectrical machinery, electric and electronic equipment, and apparel and other textile products more than offset a sizable reduction in transportation equipment.

Indexes of Total Employment

Cincinnati PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

Index (1979=100)

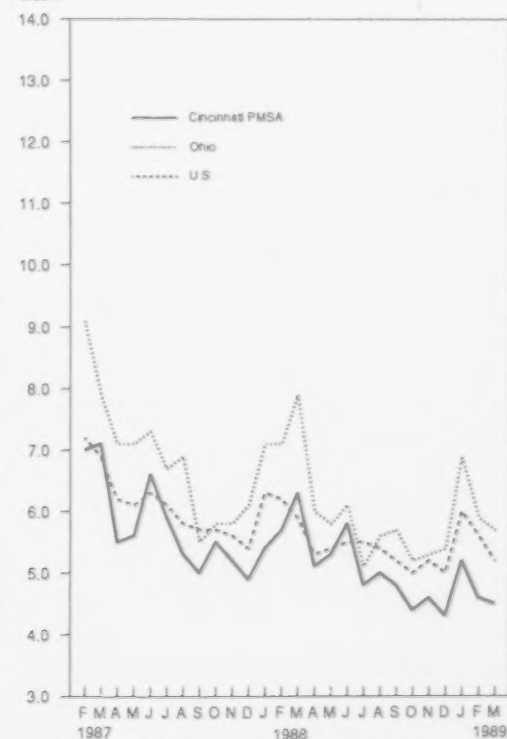


Unemployment Rates

Cincinnati PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

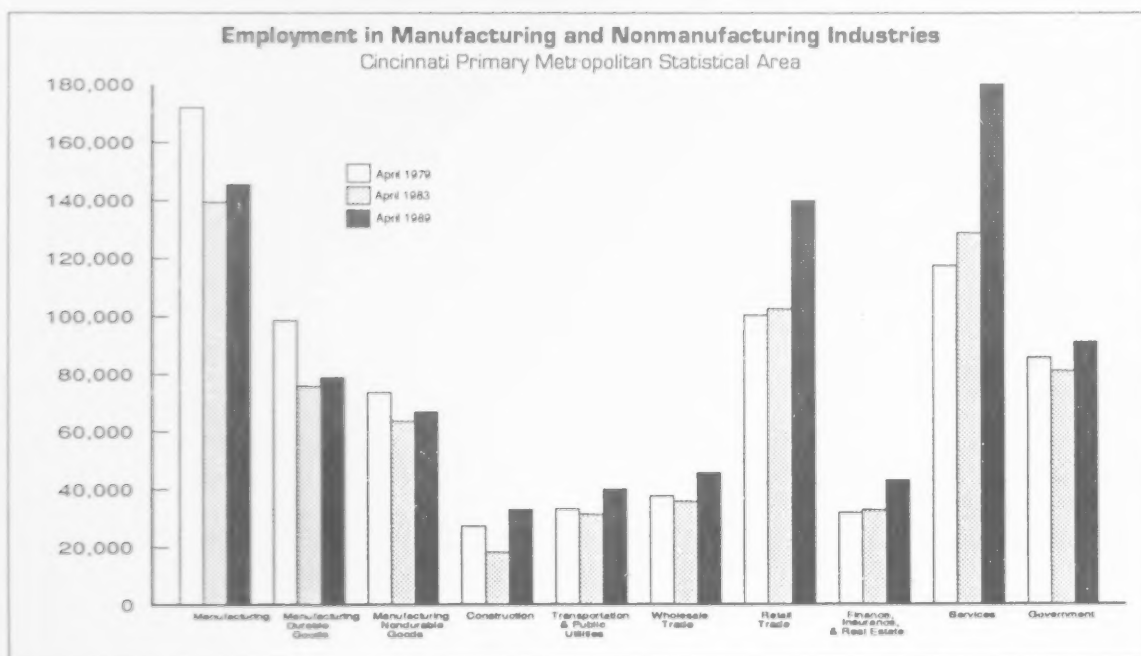
Percent



Cincinnati PMSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
Total	Employed	Unemployed				Manufacturing Employment		Manufacturing Production Workers		
		Total	Rate					Hours & Earnings		
								Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
648.3	615.8	32.5	5.0	1978	591.2	169.2	116.4	\$286.70	42.1	\$ 6.81
663.4	628.1	35.3	5.3	1979	607.4	173.1	117.0	303.37	41.5	7.31
676.2	628.8	47.5	7.0	1980	600.7	162.4	106.6	332.07	41.2	8.06
678.5	619.3	59.1	8.7	1981	592.2	157.3	103.5	360.86	41.1	8.78
684.3	612.4	71.9	10.5	1982	575.3	146.3	95.5	387.59	40.5	9.57
687.6	615.2	72.4	10.5	1983	575.6	140.4	87.7	415.52	41.1	10.11
695.9	638.4	57.5	8.3	1984	600.8	145.0	96.5	441.41	41.8	10.56
710.6	659.1	51.5	7.2	1985	628.1	147.1	96.8	441.74	41.4	10.67
727.8	680.7	47.2	6.5	1986	650.8	147.7	95.5	453.00	42.1	10.76
744.2	700.2	44.0	5.9	1987	677.7	146.0	93.4	467.57	42.7	10.95
762.7	723.7	39.0	5.1	1988	700.2	144.5	91.7	473.88	42.5	11.15
				1988						
754.1	706.6	47.6	6.3	March	679.5	138.3	86.3	453.60	42.0	10.80
753.7	715.3	38.4	5.1	April	694.4	144.3	92.0	462.42	42.0	11.01
757.6	717.2	40.4	5.3	May	700.1	143.7	91.4	465.63	42.1	11.06
770.7	726.0	44.7	5.8	June	704.2	144.2	91.5	466.62	42.0	11.11
772.6	735.8	36.8	4.8	July	701.8	144.3	91.5	461.76	41.6	11.10
773.7	735.0	38.7	5.0	August	705.1	145.3	92.2	476.15	42.4	11.23
760.7	724.2	36.5	4.8	September	711.9	145.8	92.7	483.75	43.0	11.25
768.5	734.3	34.2	4.4	October	712.4	145.3	92.0	484.18	43.0	11.26
776.3	740.8	35.5	4.6	November	720.5	146.3	92.6	487.46	43.1	11.31
768.8	736.1	32.7	4.3	December	718.6	146.6	92.6	492.86	43.5	11.33
				1989						
771.2	730.9	40.3	5.2	January	703.5	145.4	91.8	487.92	42.8	11.40
771.5	736.3	35.3	4.6	February	704.3	145.1	91.7	493.21	43.0	11.47
772.0	736.9	35.1	4.5	March	711.1	145.1	91.6	487.05	42.5	11.46
INA	INA	INA	INA	April	721.8	145.6	91.6	496.51	43.1	11.52

INA - information not available



Cincinnati PMSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	721.8	711.1	694.4	10.7	27.4
Manufacturing	145.6	145.1	144.3	.5	1.3
Durable Goods ^e	78.8	78.7	78.3	.1	.5
Fabricated metal products	10.9	10.8	10.7	.1	.2
Fabricated structural metal products	3.7	3.7	3.9	.0	-.2
Machinery, except electrical	21.1	21.2	20.7	-.1	.4
Metalworking machinery	8.5	8.6	8.6	-.1	-.1
General industrial machinery	3.1	3.1	3.0	.0	.1
Electric and electronic equipment	8.9	8.9	8.5	.1	.4
Transportation equipment	23.4	23.2	24.3	.2	-.9
Motor vehicles and equipment	5.1	5.0	4.9	.0	.2
Nondurable Goods ^f	66.8	66.4	65.9	.4	.8
Food and kindred products	13.0	13.0	12.4	.0	.5
Beverages	3.4	3.5	3.4	.0	.0
Apparel and other textile products	3.8	3.7	3.6	.2	.3
Paper and allied products	6.1	6.0	6.0	.1	.1
Printing and publishing	13.3	13.3	13.3	.1	.0
Commercial printing	6.3	6.2	6.1	.1	.2
Chemicals and allied products	22.5	22.6	22.3	-.1	.2
Rubber and misc. plastics products	6.0	5.9	6.1	.1	-.1
Nonmanufacturing^g	576.2	566.0	550.1	10.2	26.1
Construction	33.1	31.0	29.8	2.1	3.2
Transportation and Public Utilities	40.0	39.4	37.4	.6	2.6
Trucking and warehousing	11.2	11.1	10.3	.2	.9
Communication, electric, gas services	15.6	15.5	15.2	.2	.4
Wholesale Trade	45.7	45.4	43.9	.3	1.8
Wholesale trade-durable goods	26.9	26.7	25.8	.2	1.1
Retail Trade	140.0	137.1	132.5	2.8	7.4
General merchandise stores	20.0	20.1	19.2	-.1	.8
Finance, Insurance, and Real Estate	43.0	42.6	41.8	.4	1.2
Banking	9.4	9.3	8.9	.0	.5
Insurance carriers	14.4	14.4	14.4	.0	-.1
Services	183.1	179.2	175.1	4.0	8.0
Hotels and other lodging places	7.6	7.3	7.2	.3	.4
Personal services	9.8	9.7	9.2	.1	.6
Business services	45.5	45.0	41.2	.5	4.3
Amusement and recreation services	8.6	6.9	9.6	1.7	-.9
Health services	55.0	54.9	53.4	.2	1.7
Hospitals	26.2	26.1	25.4	.1	.8
Government	90.9	91.0	89.1	-.1	1.7
Federal government	16.1	16.0	15.9	.1	.3
State government	21.0	21.3	20.3	-.2	.7
State government education	13.2	13.4	12.6	-.2	.6
State government, except education	7.9	7.9	7.8	.0	.1
Local government	53.7	53.7	53.0	.1	.8
Local government education	30.5	30.8	30.6	-.3	-.1
Local government, except education	23.2	22.9	22.4	.4	.8

Cincinnati PMSA

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$496.51	\$487.05	\$462.42	43.1	42.5	42.0	\$11.52	\$11.46	\$11.01
Durable Goods ^e	500.53	486.92	456.79	43.6	42.9	42.1	11.48	11.35	10.85
Fabricated metal products	427.00	415.23	416.37	42.7	41.9	42.1	10.00	9.91	9.89
Fabricated structural metal products	477.74	443.89	426.86	44.4	42.6	42.9	10.76	10.42	9.95
Machinery, except electrical	437.99	431.76	428.24	42.4	42.0	42.4	10.33	10.28	10.10
Metalworking machinery	490.81	498.18	490.42	44.7	44.8	43.4	10.98	11.12	11.30
General industrial machinery	428.28	402.38	423.72	41.5	40.4	44.0	10.32	9.96	9.63
Electric and electronic equipment	358.67	364.10	328.64	40.3	40.5	38.8	8.90	8.99	8.47
Transportation equipment	814.11	789.52	673.95	49.4	48.2	44.9	16.48	16.38	15.01
Motor vehicles and equipment	898.14	887.54	834.16	50.8	50.4	49.3	17.68	17.61	16.92
Nondurable Goods ^f	491.30	487.52	468.72	42.5	42.1	42.0	11.56	11.58	11.16
Food and kindred products	506.32	498.85	487.21	42.8	42.6	41.5	11.83	11.71	11.74
Beverages	511.81	511.00	519.17	40.3	40.3	41.6	12.70	12.68	12.48
Apparel and other textile products	241.78	231.86	229.46	38.5	37.7	38.5	6.28	6.15	5.96
Paper and allied products	477.80	471.24	424.30	44.2	44.0	42.6	10.81	10.71	9.96
Printing and publishing	456.67	479.70	457.14	40.2	41.0	40.1	11.36	11.70	11.40
Commercial printing	474.55	521.33	487.92	41.7	43.3	42.8	11.38	12.04	11.40
Chemicals and allied products	590.98	574.34	547.26	43.2	42.2	42.0	13.68	13.61	13.03
Rubber and misc. plastics products	431.30	422.81	434.78	45.4	44.6	46.5	9.50	9.48	9.35
Transportation and Public Utilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services	589.76	574.65	545.76	41.3	40.9	40.1	14.28	14.05	13.61
Wholesale Trade	424.35	420.66	398.38	41.0	41.0	40.2	10.35	10.26	9.91
Retail Trade ^h	169.60	165.82	166.73	28.6	28.2	29.2	5.93	5.88	5.71
Finance, Insurance, and Real Estate .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	264.72	262.25	260.41	.....	.....	.....	.....	.....	.....

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes hospitals, the agricultural extension service, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

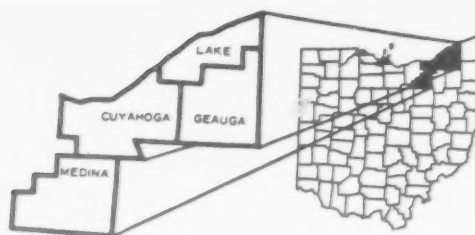
Selected Administrative Program Activities^a

Cincinnati PMSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	2,488	2,688	2,439
Active File of Job Seekers	17,369	17,578	22,591
Referrals to Jobs	1,684	1,776	1,754
Placements	324	390	421
Job Openings Received	1,024	1,060	1,068
Job Openings Unfilled	1,823	1,715	2,082
Unemployment Insurance Program			
Initial Claims	3,288	3,702	3,699
Continued Claims	31,624	45,758	45,097
First Payments	1,540	2,589 ^b	1,929
Last Payments	505	554	650
Weeks Compensated	27,909	42,848	35,848
Benefits Paid	\$4,382,863	\$6,803,599	\$5,540,033
Average Weekly Payment	\$162.74	\$163.51	\$157.39

^a Ohio data only
^b Revised

CLEVELAND PRIMARY METROPOLITAN STATISTICAL AREA



Nonagricultural wage and salary employment in the Cleveland metropolitan area increased 8,000 from March to 917,300 in April 1989. Seasonal growth in services, especially amusement and recreation services and business services, retail trade, and construction raised nonmanufacturing employment 8,200. Employment in local government, except education declined due to a labor-management dispute. Scattered declines among producers of durable goods lowered manufacturing employment 200 to 204,700. Factory production workers averaged \$12.00 per hour, down fractionally from March. Their average workweek of 43.3 hours was .2 hours shorter.

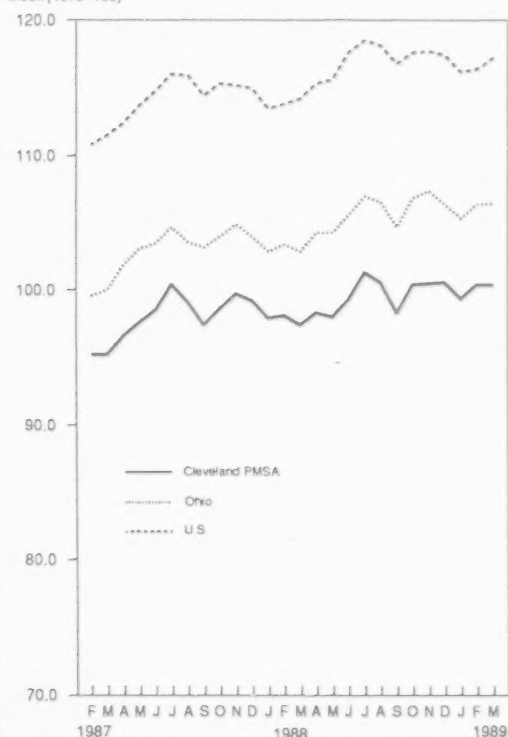
Nonfarm payroll employment advanced 22,400 between April 1988 and April 1989. The nonmanufacturing sector provided 79.5 percent of the gain with significant expansion in services, retail trade, finance, insurance, and real estate, and wholesale trade. Manufacturing employment increased 4,500. Noteworthy growth occurred in nonelectrical machinery, fabricated metal products, transportation equipment, and chemicals and allied products.

Indexes of Total Employment

Cleveland PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

Index (1979=100)

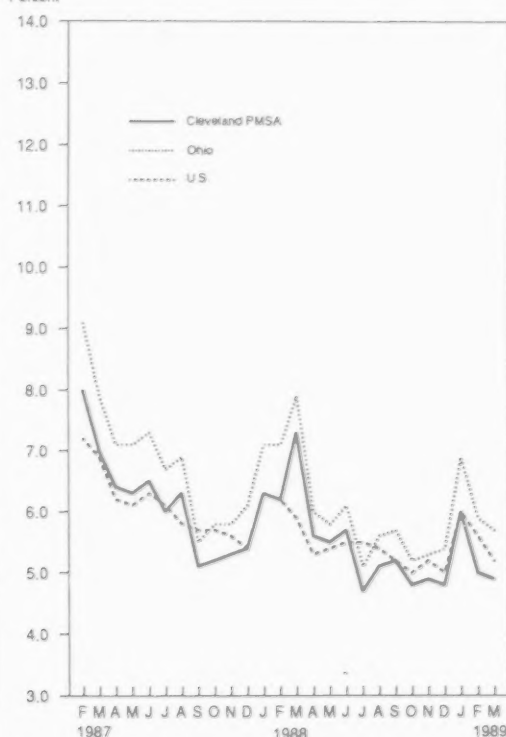


Unemployment Rates

Cleveland PMSA, Ohio and U.S.

[Not Seasonally Adjusted]

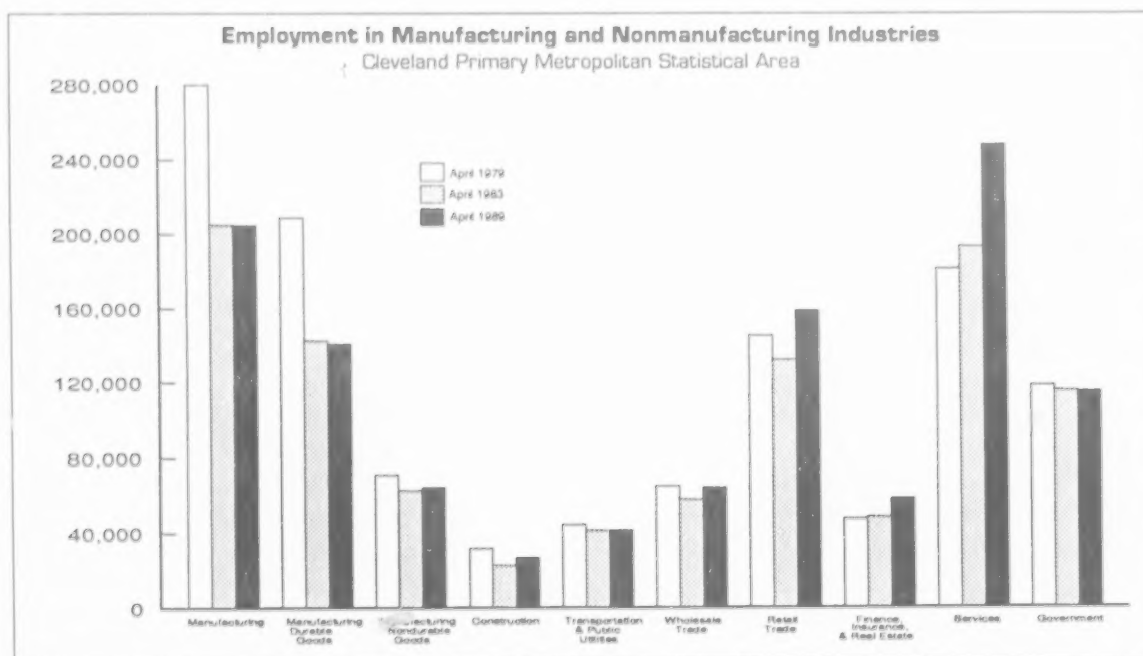
Percent



Cleveland PMSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
Total	Employed	Unemployed			Manufacturing Employment			Manufacturing Production Workers		
		Total	Rate					Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
921.7	878.5	43.2	4.7	1978	905.8	275.6	188.0	\$321.75	42.9	\$ 7.50
935.8	889.1	46.7	5.0	1979	919.8	276.3	188.6	337.60	42.2	8.00
937.1	869.1	68.0	7.3	1980	895.7	254.9	169.2	350.38	40.6	8.63
933.9	854.0	79.8	8.5	1981	880.7	246.8	161.8	395.38	41.1	9.62
933.4	833.2	100.2	10.7	1982	844.6	223.0	141.8	402.99	39.9	10.10
928.7	823.4	105.3	11.3	1983	829.8	207.3	132.4	427.41	40.9	10.45
923.6	841.0	32.6	8.9	1984	854.5	213.8	137.5	456.12	42.0	10.86
926.0	849.2	76.8	8.3	1985	868.7	211.2	135.1	467.74	41.8	11.19
932.8	862.7	70.1	7.5	1986	879.2	204.9	131.5	481.62	42.1	11.44
927.0	869.0	58.0	6.3	1987	891.6	200.6	128.3	496.35	42.9	11.57
933.7	882.3	51.4	5.5	1988	904.6	201.7	130.1	512.67	43.3	11.84
				1988						
934.5	866.4	68.1	7.3	March	886.5	200.2	128.5	510.26	43.5	11.73
925.5	873.9	51.6	5.6	April	894.9	200.1	128.5	512.55	43.4	11.81
922.0	871.3	50.7	5.5	May	902.7	200.6	129.2	513.42	43.4	11.83
936.6	883.0	53.5	5.7	June	911	202.2	130.4	518.28	43.7	11.86
945.7	901.1	44.6	4.7	July	911.2	200.8	128.7	499.16	42.7	11.69
943.0	894.6	48.5	5.1	August	907.4	200.9	128.9	503.43	42.7	11.79
921.6	873.7	47.9	5.2	September	911.4	202.8	130.9	514.51	43.2	11.91
937.2	892.3	45.0	4.8	October	917.1	203.7	131.8	517.76	43.4	11.93
939.4	893.8	45.6	4.9	November	926.2	204.5	133.0	528.12	43.9	12.03
939.6	894.4	45.2	4.8	December	924.5	205.4	133.7	538.25	44.3	12.15
				1989						
940.3	883.9	56.4	6.0	January	902.1	204.4	132.7	527.90	43.7	12.08
939.7	892.4	47.3	5.0	February	902.8	204.7	132.5	520.80	43.4	12.00
938.4	892.3	46.1	4.9	March	909.3	204.9	132.7	522.44	43.5	12.01
INA	INA	INA	INA	April	917.3	204.7	132.4	519.60	43.3	12.00

INA - information not available



Nonagricultural Wage and Salary Employment^a

Cleveland PMSA

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	917.3	909.3	894.9	8.0	22.4
Manufacturing	204.7	204.9	200.1	-2	4.5
Durable Goods ^e	140.8	141.0	137.2	-2	3.6
Primary metal industries	21.5	21.6	21.4	-.1	.1
Iron and steel foundries	4.5	4.6	4.8	.0	-.3
Fabricated metal products	32.9	32.8	32.3	.1	.6
Fabricated structural metal products	4.2	4.1	3.8	.1	.4
Screw machine products, bolts, etc.	5.0	5.0	4.9	.0	.1
Metal forgings and stampings	11.1	11.1	11.0	.0	.1
Machinery, except electrical	30.7	30.8	29.4	-.1	1.3
Construction and related machinery	2.6	2.5	2.6	.0	.0
Metalworking machinery	10.4	10.4	9.8	-.1	.6
Special industry machinery	2.6	2.7	2.5	.0	.1
General industrial machinery	3.2	3.2	3.0	.0	.2
Electric and electronic equipment	18.0	18.1	17.7	-.1	.3
Electrical industrial apparatus	6.7	6.7	6.1	.0	.6
Transportation equipment	19.7	19.8	19.1	-.2	.6
Motor vehicles and equipment	12.5	12.6	11.8	-.1	.7
Instruments and related products	6.5	6.5	6.5	.0	.0
Measuring and controlling devices	4.4	4.4	4.4	.0	.1
Nondurable Goods ^f	63.9	63.9	63.0	.0	1.0
Food and kindred products	6.6	6.5	6.6	.0	.0
Apparel and other textile products	3.5	3.6	3.6	-.1	-.1
Paper and allied products	5.8	5.9	5.9	-.1	.0
Printing and publishing	16.0	16.0	15.8	.1	.2
Chemicals and allied products	15.2	15.1	14.8	.0	.4
Rubber and misc. plastics products	11.5	11.5	11.2	-.1	.3
Nonmanufacturing^g	712.6	704.4	694.8	8.2	17.8
Construction	26.6	24.6	26.0	1.9	.6
Transportation and Public Utilities	41.2	40.6	40.8	.6	.4
Trucking and warehousing	12.0	11.9	11.8	.1	.2
Communication, electric, gas services	17.2	17.2	17.4	.0	-.2
Wholesale Trade	63.9	63.6	62.1	.3	1.8
Wholesale trade-durable goods	44.4	44.2	43.2	.2	1.2
Retail Trade	158.7	156.4	154.5	2.4	4.2
General merchandise stores	20.5	20.5	20.0	-.1	.5
Finance, Insurance, and Real Estate	58.1	57.8	56.0	.3	2.1
Banking	14.1	14.2	14.0	.0	.2
Credit agencies other than banks	8.8	8.8	8.7	.0	.1
Insurance carriers	14.5	14.4	13.8	.1	.7
Services	247.9	242.9	237.7	5.0	10.2
Business services	57.3	56.0	53.6	1.3	3.7
Amusement and recreation services	7.0	5.7	7.4	1.4	-.3
Health services	78.3	78.2	76.2	.1	2.2
Hospitals	43.9	43.8	43.5	.1	.4
Government	115.2	117.5	116.7	-2.3	-1.5
Federal government	20.6	20.6	20.9	.0	-.3
State government	8.7	8.4	8.7	.3	.0
State government education ^h	3.4	3.5	3.4	.0	.1
State government, except education	5.3	5.0	5.3	.3	.0
Local government	86.0	88.5	87.2	-2.6	-1.2
Local government education	45.0	45.4	44.4	-.4	.6
Local government, except education	41.0	43.1	42.8	-2.1	-1.8

Cleveland PMSA

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$519.60	\$522.44	\$512.55	43.3	43.5	43.4	\$12.00	\$12.01	\$11.81
Durable Goods ^e	549.56	554.19	549.32	44.0	44.3	44.3	12.49	12.51	12.40
Primary metal industries	547.01	545.46	594.27	44.4	44.6	46.5	12.32	12.23	12.78
Iron and steel foundries	917.25	874.87	861.91	51.1	49.4	49.0	17.95	17.71	17.59
Fabricated metal products	552.42	546.04	543.84	44.3	44.0	44.0	12.47	12.41	12.36
Fabricated structural metal products ..	439.35	425.00	388.63	43.5	42.5	39.9	10.10	10.00	9.74
Screw machine products, bolts, etc.	558.39	550.91	535.68	44.6	44.5	46.1	12.52	12.38	11.62
Metal forgings and stampings	685.37	675.42	682.76	45.6	45.3	45.7	15.03	14.91	14.94
Machinery, except electrical	533.11	557.51	512.60	44.5	45.4	43.7	11.98	12.28	11.73
Construction and related machinery ...	430.84	432.51	404.95	44.6	45.1	44.5	9.66	9.59	9.10
Metalworking machinery	511.49	510.24	444.14	44.4	44.1	41.2	11.52	11.57	10.78
Special industry machinery	500.98	490.98	475.78	42.6	42.0	40.7	11.76	11.69	11.69
General industrial machinery	528.50	527.14	500.34	45.6	45.6	44.2	11.59	11.56	11.32
Electric and electronic equipment	461.62	475.51	445.63	41.7	42.8	41.3	11.07	11.11	10.79
Electrical industrial apparatus	529.13	550.70	509.95	43.3	45.4	43.4	12.22	12.13	11.75
Transportation equipment	738.06	739.63	761.42	45.7	45.6	48.1	16.15	16.22	15.83
Motor vehicles and equipment	826.38	832.48	855.54	46.9	46.9	49.0	17.62	17.75	17.46
Instruments and related products	404.74	407.88	398.40	40.8	41.2	41.2	9.92	9.90	9.67
Measuring and controlling devices	444.56	445.20	411.06	41.9	42.0	40.3	10.61	10.60	10.20
Nondurable Goods ^f	442.81	440.50	424.98	41.5	41.4	41.3	10.67	10.64	10.29
Food and kindred products	455.18	476.23	388.93	42.5	44.3	41.2	10.71	10.75	9.44
Apparel and other textile products	338.83	336.88	325.44	37.9	38.5	39.4	8.94	8.75	8.26
Paper and allied products	466.20	469.53	475.59	42.0	42.3	42.2	11.10	11.10	11.27
Printing and publishing	428.61	407.91	410.51	39.0	37.7	37.8	10.99	10.82	10.86
Chemicals and allied products	546.04	544.07	514.84	44.0	43.7	43.3	12.41	12.45	11.89
Rubber and misc. plastics products	381.70	381.74	384.50	42.6	42.7	43.3	8.96	8.94	8.88
Transportation and Public Utilities .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Communication, electric, gas services ..	606.23	599.35	569.64	41.1	40.8	40.4	14.75	14.69	14.10
Wholesale Trade	429.46	426.49	408.95	39.4	39.6	38.8	10.90	10.77	10.54
Retail Trade ^h	185.23	183.74	183.70	27.2	27.1	27.5	6.81	6.78	6.68
Finance, Insurance, and Real Estate .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Banking	304.02	306.81	303.50	.....	.....	.....	.....	.....	.....
Services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Health services .....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Hospitals	345.68	346.30	341.15	30.7	30.7	31.5	11.26	11.28	10.83

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; stone, clay, and glass products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

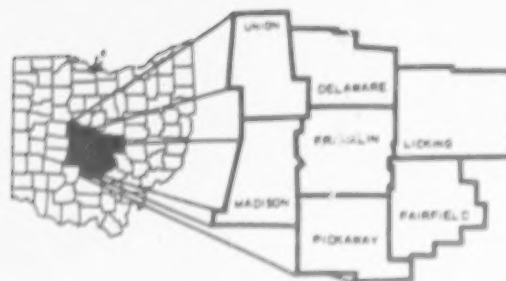
Selected Administrative Program Activities

Cleveland PMSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	4,058	5,102	3,769
Active File of Job Seekers	60,105	58,821	61,802
Referrals to Jobs	2,132	2,529	1,881
Placements	246	924	358
Job Openings Received	1,272	1,363	1,387
Job Openings Unfilled	3,665	3,360	3,020
Unemployment Insurance Program			
Initial Claims	4,486	5,921	5,742
Continued Claims	52,186	74,461	67,469
First Payments	1,999	3,277 ^a	2,550
Last Payments	849	817	1,074
Weeks Compensated	47,141	67,930	60,709
Benefits Paid	\$7,532,202	\$10,988,586	\$9,509,761
Average Weekly Payment	\$162.78	\$160.09	\$158.94

^a Revised

COLUMBUS METROPOLITAN STATISTICAL AREA



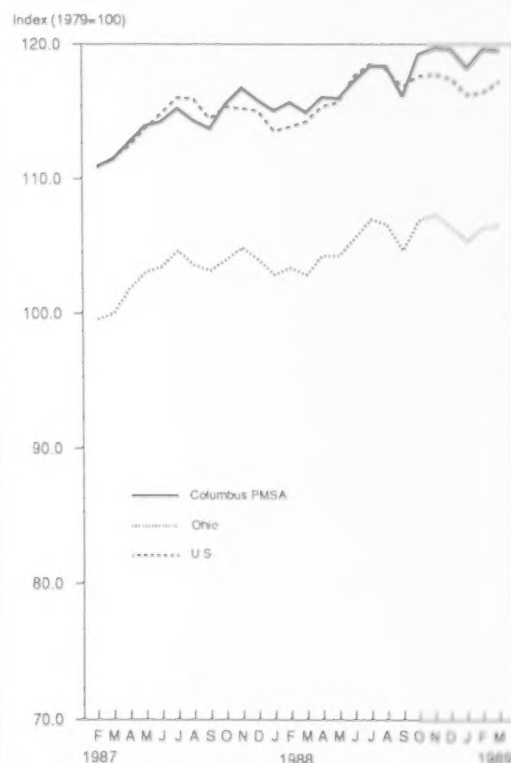
Total nonfarm wage and salary employment in the Columbus metropolitan area rose 7,900 from March to 696,000 in April 1989. Seasonal hirings in services, construction, and retail trade accounted for most of the change. Scattered decreases among producers of nondurable goods lowered manufacturing employment 100 to 103,000. Factory production workers averaged \$11.90 per hour, up fractionally from March. Their average workweek of 41.5 hours was unchanged.

Nonagricultural payroll employment advanced 25,400 between April 1988 and April 1989. The gain was concentrated in the nonmanufacturing sector. Leading growth industries were services and retail trade. Construction, local government, wholesale trade, finance, insurance, and real estate, and transportation and public utilities also improved. The manufacturing workforce added 1,400 jobs over the year. Modest expansion was noted in transportation equipment, fabricated metal products, and stone, clay, and glass products. Employment in nonelectrical machinery and food and kindred products declined.

Indexes of Total Employment

Columbus MSA, Ohio and U.S.

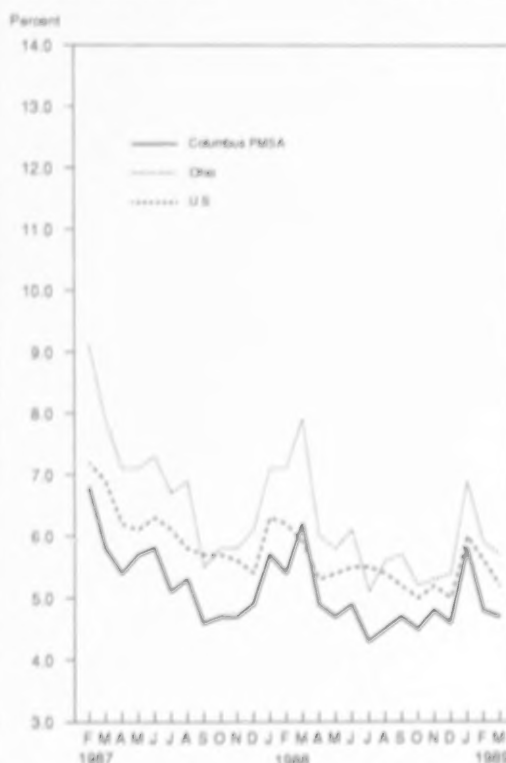
(Not Seasonally Adjusted)



Unemployment Rates

Columbus MSA, Ohio and U.S.

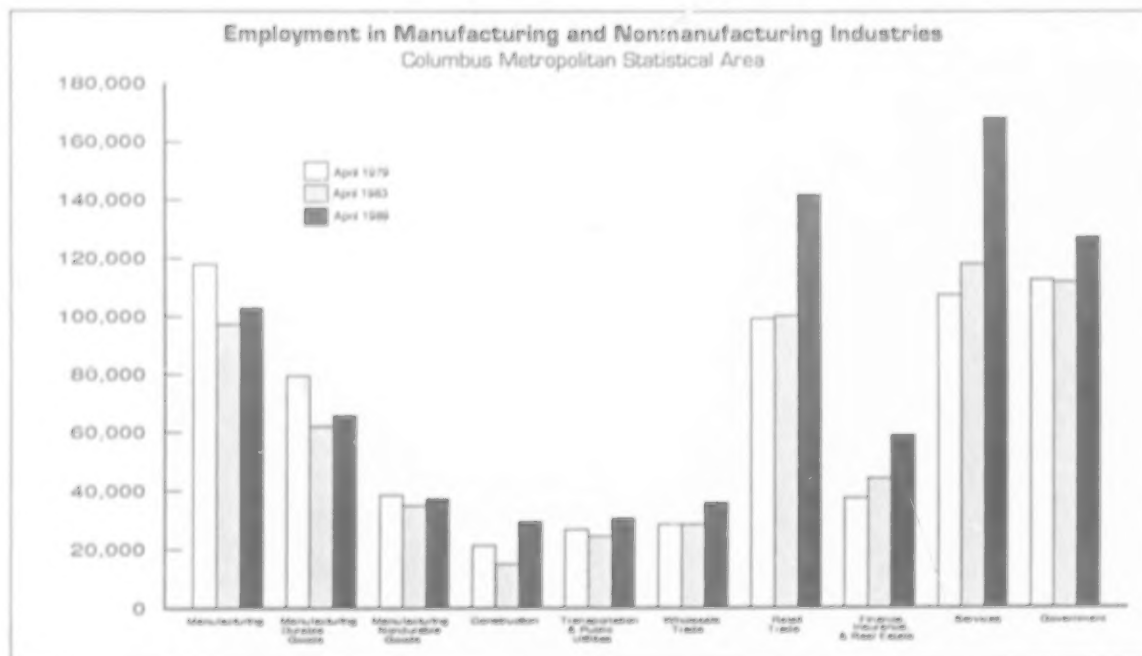
(Not Seasonally Adjusted)



Columbus MSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

					Nonagricultural Wage & Salary Employment							
					Manufacturing Employment					Hours & Earnings		
										Manufacturing Production Workers		
										Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
Civilian Labor Force												
Total	Employed	Unemployed										
		Total	Rate									
INA	INA	INA	INA	1978	543.2	117.0	INA	INA	INA	INA		
INA	INA	INA	INA	1979	558.5	117.8	INA	INA	INA	INA		
INA	INA	INA	INA	1980	560.2	112.6	INA	INA	INA	INA		
INA	INA	INA	INA	1981	556.9	109.1	INA	INA	INA	INA		
INA	INA	INA	INA	1982	544.0	101.0	INA	INA	INA	INA		
647.7	587.4	60.3	9.3	1983	548.5	98.7	INA	INA	INA	INA		
633.5	584.3	49.2	7.8	1984	576.4	104.7	69.3	\$426.06	40.5	\$10.52		
649.4	605.6	43.8	6.7	1985	603.6	106.1	70.8	442.95	40.9	10.83		
676.2	634.9	41.3	6.1	1986	630.7	105.8	70.4	461.14	41.1	11.22		
694.9	657.2	37.7	5.4	1987	658.0	103.9	68.7	473.52	41.5	11.41		
711.5	676.5	35.0	4.9	1988	678.1	102.6	67.9	480.16	41.5	11.57		
				1988								
706.8	663.3	43.5	6.2	March	664.1	101.0	66.5	474.54	41.3	11.49		
704.0	669.8	34.2	4.9	April	670.5	101.6	67.1	482.47	41.7	11.57		
702.5	669.5	33.0	4.7	May	677.6	101.8	67.3	480.24	41.4	11.60		
711.8	676.8	35.0	4.9	June	681.6	102.7	68.1	480.16	41.5	11.57		
713.7	683.2	30.5	4.3	July	675.0	102.4	67.7	475.45	41.2	11.54		
715.4	683.1	32.3	4.5	August	676.7	102.8	68.2	471.65	40.8	11.56		
703.2	670.4	32.8	4.7	September	683.6	103.9	68.9	481.48	41.4	11.63		
720.8	688.5	32.3	4.5	October	691.7	103.9	69.0	486.22	41.7	11.66		
725.5	691.0	34.5	4.8	November	700.0	104.1	69.1	489.39	41.9	11.68		
723.8	690.6	33.2	4.6	December	698.6	104.0	68.8	492.74	41.9	11.76		
				1989								
724.3	682.6	41.7	5.8	January	681.7	103.2	68.1	486.38	41.5	11.72		
725.3	690.5	34.8	4.8	February	683.4	103.2	67.8	491.78	41.5	11.85		
724.6	690.2	34.4	4.7	March	688.2	103.0	67.8	493.44	41.5	11.89		
INA	INA	INA	INA	April	696.0	103.0	67.8	493.85	41.5	11.90		

INA - information not available



Columbus MSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	696.0	688.2	670.6	7.9	25.4
Manufacturing	103.0	103.0	101.6	-.1	1.4
Durable Goods ^e	65.8	65.8	64.1	.1	1.7
Stone, clay, and glass products	10.3	10.2	10.0	.1	.3
Glass and glassware, pressed or blown ..	3.3	3.3	3.3	.0	.1
Fabricated metal products	9.5	9.5	8.9	.0	.6
Fabricated structural metal products	2.6	2.5	2.4	.0	.1
Machinery, except electrical	9.5	9.6	9.9	-.1	-.4
Electric and electronic equipment	10.5	10.4	10.5	.0	.0
Transportation equipment	13.1	13.1	12.4	.0	.7
Instruments and related products	4.2	4.2	4.1	.0	.1
Nondurable Goods ^f	37.1	37.3	37.4	-.1	-.3
Food and kindred products	10.0	10.1	10.3	-.1	-.3
Printing and publishing	10.6	10.7	10.3	-.1	.2
Chemicals and allied products	6.6	6.6	6.7	.0	-.1
Rubber and misc. plastics products	5.5	5.5	5.4	.1	.1
Nonmanufacturing ^g	593.0	585.1	569.1	7.9	24.0
Construction	29.5	27.2	26.7	2.2	2.8
Transportation and Public Utilities	30.5	30.2	29.2	.3	1.3
Trucking and warehousing	12.8	12.7	12.0	.1	.8
Communication, electric, gas services	11.9	11.9	12.0	.0	-.1
Wholesale Trade	35.9	35.6	34.3	.2	1.6
Wholesale trade-durable goods	23.1	22.9	22.1	.1	.9
Retail Trade	141.7	139.8	135.7	1.9	6.0
General merchandise stores	19.6	19.5	20.2	.1	-.6
Finance, Insurance, and Real Estate	59.0	58.7	57.5	.4	1.5
Banking	11.7	11.7	11.4	.0	.3
Insurance carriers	23.5	23.4	23.1	.1	.4
Services	168.3	165.4	160.3	2.9	8.0
Business services	39.7	39.0	36.5	.7	3.2
Health services	42.5	42.3	40.8	.1	1.6
Hospitals	19.5	19.4	18.8	.0	.7
Government	127.3	127.3	124.5	.0	2.8
Federal government	15.2	15.3	15.4	-.1	-.2
State government	56.1	56.0	55.1	.1	1.0
State government education ^h	24.2	24.2	24.1	.0	.1
State government, except education	31.9	31.7	31.1	.2	.9
Local government	56.0	56.0	54.0	.0	2.0
Local government education	34.2	34.4	32.9	-.2	1.3
Local government, except education	21.8	21.6	21.1	.2	.7

Columbus MSA

**Hours and Earnings
of Production or
Nonsupervisory
Workers^a**

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$493.85	\$493.44	\$482.47	41.5	41.5	41.7	\$11.90	\$11.89	\$11.57
Durable Goods ^e	499.20	499.15	492.40	41.6	41.7	41.8	12.00	11.97	11.78
Stone, clay, and glass products	510.19	510.07	475.38	43.2	43.3	40.7	11.81	11.78	11.68
Glass and glassware, pressed or blown	457.13	453.11	436.11	41.9	41.8	39.9	10.91	10.84	10.93
Fabricated metal products	509.22	496.92	521.59	41.0	40.4	41.2	12.42	12.30	12.66
Fabricated structural metal products	455.43	434.19	459.64	40.7	39.4	41.9	11.19	11.02	10.97
Machinery, except electrical	455.22	449.25	453.26	40.5	40.4	42.4	11.24	11.12	10.69
Electric and electronic equipment	455.47	459.49	464.02	40.2	40.2	41.1	11.33	11.42	11.29
Transportation equipment	595.86	607.62	611.53	42.2	42.7	43.9	14.12	14.23	13.93
Instruments and related products	419.75	432.07	418.72	39.9	40.8	40.3	10.52	10.59	10.39
Nondurable Goods ^f	484.38	482.45	462.02	41.4	41.2	41.4	11.70	11.71	11.16
Food and kindred products	465.86	452.76	450.69	42.7	42.0	41.5	10.91	10.78	10.86
Printing and publishing	573.67	570.49	535.27	39.7	39.7	39.3	14.45	14.37	13.62
Chemicals and allied products	593.47	608.45	557.94	42.3	43.0	42.3	14.03	14.15	13.19
Rubber and misc. plastics products	355.59	356.66	358.68	40.5	40.7	42.7	8.78	8.85	8.40
Transportation and Public Utilities	580.56	572.46	600.35	41.0	40.6	42.1	14.16	14.10	14.26
Communication, electric, gas services	580.56	572.46	600.35	41.0	40.6	42.1	14.16	14.10	14.26
Wholesale Trade	364.60	357.92	345.00	37.9	37.4	37.5	9.62	9.57	9.20
Retail Trade ^h	186.97	188.29	178.64	28.2	28.4	28.4	6.63	6.63	6.29
Finance, Insurance, and Real Estate	276.45	272.93	263.15	33.7	33.7	34.0	10.81	10.73	9.84
Banking	276.45	272.93	263.15	33.7	33.7	34.0	10.81	10.73	9.84
Services	364.30	361.60	334.56	33.7	33.7	34.0	10.81	10.73	9.84
Health services	364.30	361.60	334.56	33.7	33.7	34.0	10.81	10.73	9.84
Hospitals	364.30	361.60	334.56	33.7	33.7	34.0	10.81	10.73	9.84

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; primary metal industries; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities, State schools for the deaf and blind, and the State library. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

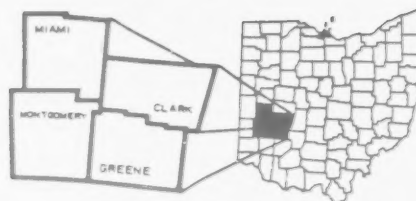
**Selected Administrative
Program Activities**

Columbus MSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	4,066	5,159	3,935
Active File of Job Seekers	31,659	32,498	31,784
Referrals to Jobs	2,307	2,396	2,536
Placements	484	647	570
Job Openings Received	1,060	1,380	1,656
Job Openings Unfilled	2,322	2,062	2,598
Unemployment Insurance Program			
Initial Claims	2,985	4,029	3,518
Continued Claims	37,636	52,016	41,118
First Payments	1,434	2,498 ^a	1,817
Last Payments	636	511	796
Weeks Compensated	33,619	48,038	35,896
Benefits Paid	\$5,457,812	\$7,830,719	\$5,645,024
Average Weekly Payment	\$168.69	\$168.47	\$160.72

^a Revised

DAYTON - SPRINGFIELD METROPOLITAN STATISTICAL AREA



Nonagricultural payroll employment in the Dayton-Springfield metropolitan area rose 5,700 from March to 447,000 in April 1989. Seasonal hirings in construction, services, retail trade, and federal government accounted for the improvement. Manufacturing employment declined 200 to 104,700. Losses were noted in nonelectrical machinery, transportation equipment, and food and kindred products. Factory production workers averaged \$13.03 per hour, little changed from March. Their average workweek of 43.7 hours was .4 hours longer.

Total nonfarm wage and salary employment advanced 13,600 between April 1988 and April 1989. Leading growth industries were services, especially business and health services, retail trade, and construction. The manufacturing workforce added 300 jobs over the year. Modest growth occurred in nonelectrical machinery and food and kindred products. Employment in transportation equipment, printing and publishing, and rubber and miscellaneous plastics products declined.

Indexes of Total Employment

Dayton-Springfield MSA, Ohio and U.S.

(Not Seasonally Adjusted)

Index (1979=100)

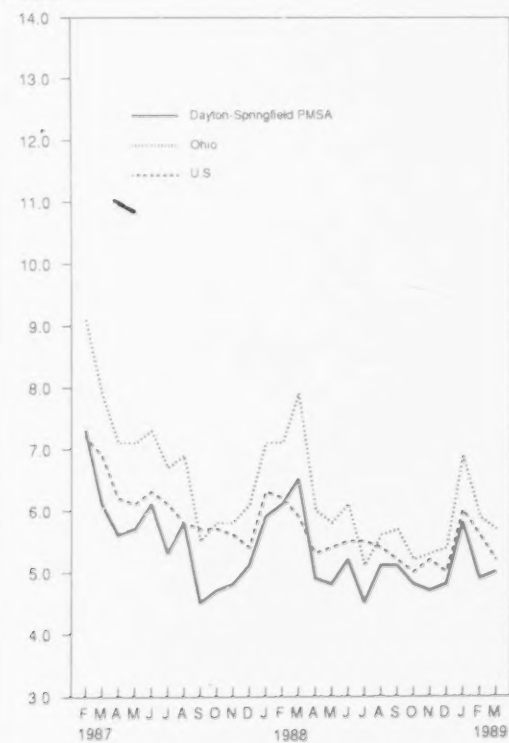


Unemployment Rates

Dayton-Springfield MSA, Ohio and U.S.

(Not Seasonally Adjusted)

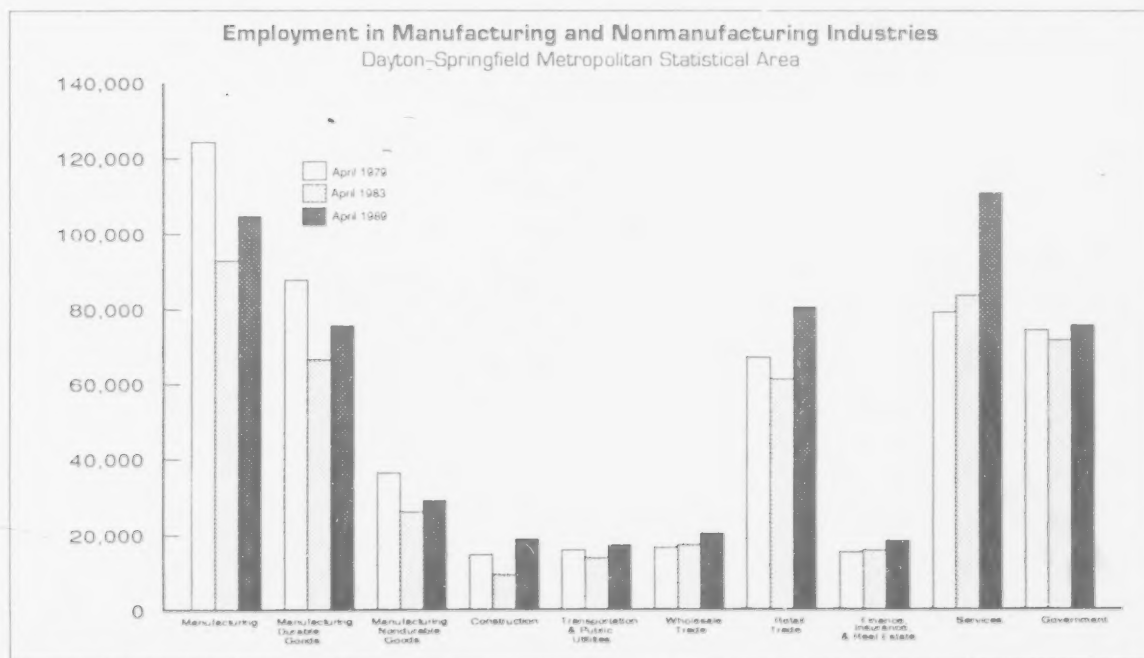
Percent



Dayton-Springfield MSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment					
Total	Employed	Unemployed					Manufacturing Employment			
		Total	Rate				Manufacturing Production Workers			
							Average Weekly Earnings	Average Weekly Hours		
INA	INA	INA	INA		1978	401.1	125.0	INA	INA	
INA	INA	INA	INA	1979	408.8	122.5	INA	INA	INA	INA
INA	INA	INA	INA	1980	397.1	110.9	INA	INA	INA	INA
INA	INA	INA	INA	1981	393.2	109.9	INA	INA	INA	INA
INA	INA	INA	INA	1982	374.3	97.3	INA	INA	INA	INA
438.5	391.9	46.6	10.6	1983	372.3	95.5	INA	INA	INA	INA
440.1	404.8	35.2	8.0	1984	392.7	103.7	67.7	\$480.99	42.9	\$11.21
450.4	418.1	32.4	7.2	1985	408.9	106.3	69.1	517.10	43.2	11.97
460.5	430.1	30.3	6.6	1986	419.4	105.7	68.2	514.88	42.8	12.03
463.8	437.7	26.2	5.6	1987	429.8	104.3	67.1	499.38	42.0	11.89
469.0	444.6	24.4	5.2	1988	436.7	104.5	67.2	546.41	43.4	12.59
				1988						
468.7	438.1	30.6	6.5	March	429.8	103.9	66.7	539.14	43.2	12.48
464.6	441.6	23.0	4.9	April	433.4	104.4	67.3	546.45	43.3	12.62
461.6	439.6	22.0	4.8	May	436.3	104.6	67.5	551.06	43.7	12.61
467.8	443.4	24.3	5.2	June	437.8	104.9	67.4	559.24	44.0	12.71
467.4	446.5	20.8	4.5	July	432.3	104.8	67.2	525.34	42.4	12.39
469.6	445.8	23.8	5.1	August	432.6	104.3	66.6	522.44	42.2	12.38
467.3	443.3	24.0	5.1	September	442.8	105.4	68.1	552.41	43.6	12.67
474.9	452.1	22.8	4.8	October	445.0	104.8	67.7	573.69	44.3	12.95
475.8	453.5	22.3	4.7	November	450.3	105.3	68.2	580.69	44.6	13.02
475.2	452.5	22.7	4.8	December	448.2	105.5	68.3	574.98	44.4	12.95
				1989						
475.4	447.9	27.5	5.8	January	438.2	104.9	67.7	576.83	44.1	13.08
475.7	452.3	23.4	4.9	February	438.6	104.7	67.5	565.93	43.6	12.98
476.1	452.3	23.8	5.0	March	441.3	104.9	67.6	563.77	43.3	13.02
INA	INA	INA	INA	April	447.0	104.7	67.5	569.41	43.7	13.03

INA - information not available



Dayton-Springfield MSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	447.0	441.3	433.4	5.7	13.6
Manufacturing	104.7	104.9	104.4	-.2	.3
Durable Goods ^e	75.6	75.7	75.0	-.1	.6
Fabricated metal products	8.4	8.3	8.4	.0	-.1
Machinery, except electrical	31.0	31.1	30.5	-.2	.5
Metalworking machinery	6.7	6.8	6.6	-.1	.1
General industrial machinery	2.8	2.8	2.7	.0	.1
Electric and electronic equipment	5.9	5.8	5.9	.0	-.1
Electrical industrial apparatus	3.3	3.3	3.3	.0	.0
Transportation equipment	20.5	20.6	20.9	-.1	-.4
Nondurable Goods ^f	29.1	29.2	29.4	-.1	-.3
Food and kindred products	3.0	3.1	2.8	-.1	.2
Paper and allied products	5.8	5.8	5.9	.0	-.1
Printing and publishing	8.8	8.8	9.0	.0	-.2
Rubber and misc. plastics products	7.7	7.7	7.9	.0	-.2
Nonmanufacturing ^g	342.2	336.3	329.0	5.9	13.2
Construction	18.7	16.9	16.5	1.8	2.2
Transportation and Public Utilities	17.2	17.0	16.5	.2	.7
Communication, electric, gas services	5.2	5.2	5.7	.0	-.5
Wholesale Trade	20.2	20.0	19.4	.2	.9
Wholesale trade-durable goods	13.7	13.6	13.4	.1	.3
Retail Trade	80.6	79.5	78.1	1.0	2.4
General merchandise stores	11.5	11.5	11.4	.0	.1
Finance, Insurance, and Real Estate	18.2	18.1	17.9	.1	.3
Banking	4.2	4.2	4.1	.0	.0
Credit agencies other than banks	4.9	4.8	4.9	.1	.0
Insurance carriers	3.0	3.0	3.0	.0	.0
Services	111.0	109.8	106.1	1.2	5.0
Business services	27.2	26.7	25.0	.5	2.2
Health services	37.3	37.2	36.3	.1	1.0
Hospitals	19.3	19.3	18.9	.0	.4
Educational services	8.7	8.9	8.6	-.2	.2
Government	75.9	74.6	74.0	1.3	1.9
Federal government	28.7	27.7	27.3	1.0	1.4
State government	7.2	7.3	7.3	-.1	-.1
State government education	4.3	4.4	4.4	-.1	.0
State government, except education	2.9	2.9	2.9	.0	.0
Local government	40.0	39.6	39.4	.3	.6
Local government education	24.9	24.7	24.8	.2	.0
Local government, except education	15.1	15.0	14.6	.1	.5

Dayton-Springfield MSA

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$569.41	\$563.77	\$546.45	43.7	43.3	43.3	\$13.03	\$13.02	\$12.62
Durable Goods ^d	582.56	578.59	553.81	44.0	43.7	43.3	13.24	13.24	12.79
Fabricated metal products	394.00	399.07	386.68	41.3	41.7	41.4	9.54	9.57	9.34
Machinery, except electrical	610.54	618.30	587.40	44.5	45.0	44.0	13.72	13.74	13.35
Metalworking machinery	605.10	595.66	534.26	48.1	47.2	44.3	12.58	12.62	12.06
General industrial machinery	490.20	506.00	451.76	42.7	44.0	42.3	11.48	11.50	10.68
Electric and electronic equipment	444.13	453.93	449.20	43.8	43.9	44.3	10.14	10.34	10.14
Electrical industrial apparatus	554.30	574.11	522.80	46.0	46.6	45.5	12.05	12.32	11.49
Transportation equipment	746.86	729.62	699.69	45.1	44.3	44.2	16.56	16.47	15.83
Nondurable Goods ^e	529.05	519.51	521.94	42.7	42.1	43.1	12.39	12.34	12.11
Food and kindred products	363.58	380.37	326.32	41.6	41.3	37.9	8.74	9.21	8.61
Paper and allied products	510.96	510.08	519.68	44.9	45.3	46.4	11.38	11.26	11.20
Printing and publishing	479.83	470.61	454.21	41.4	40.5	40.7	11.59	11.62	11.16
Rubber and misc. plastics products	713.43	683.93	695.07	42.9	41.3	44.3	16.63	16.56	15.69
Transportation and Public Utilities									
Communication, electric, gas services	556.95	537.02	530.00	40.3	39.4	39.7	13.82	13.63	13.35
Wholesale Trade	393.57	395.14	408.18	39.2	39.2	39.4	10.04	10.08	10.36
Retail Trade ^f	169.48	168.84	161.82	28.2	28.0	27.9	6.01	6.03	5.80
Services									
Health services									
Hospitals	358.18	367.43	369.21	33.6	34.5	34.7	10.66	10.65	10.64

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; primary metal industries; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; chemicals and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

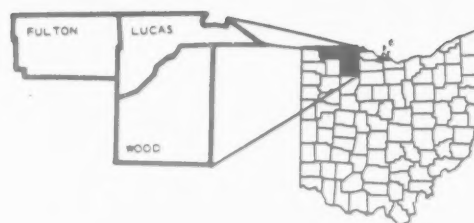
Selected Administrative Program Activities

Dayton-Springfield MSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	2,396	2,845	2,424
Active File of Job Seekers	13,511	13,015	20,211
Referrals to Jobs	1,725	1,636	1,566
Placements	395	312	274
Job Openings Received	1,190	1,203	954
Job Openings Unfilled	2,169	1,784	1,781
Unemployment Insurance Program			
Initial Claims	2,144	2,914	2,109
Continued Claims	23,987	33,670	24,092
First Payments	1,084	1,718 ^a	1,028
Last Payments	335	373	433
Weeks Compensated	22,084	31,268	23,407
Benefits Paid	\$3,215,287	\$4,610,109	\$3,398,523
Average Weekly Payment	\$151.08	\$151.64	\$148.19

^a Revised

TOLEDO METROPOLITAN STATISTICAL AREA



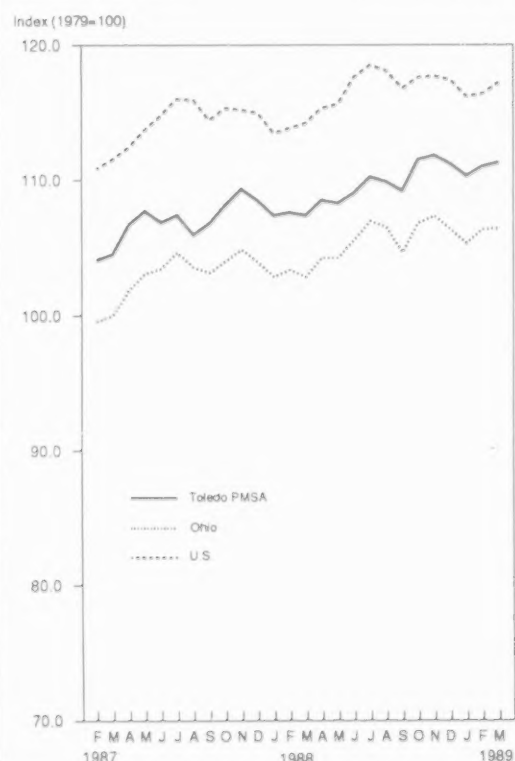
In the Toledo metropolitan area, total nonfarm payroll employment rose 4,000 above the March level to 292,500 in April 1989. The improvement was concentrated in the nonmanufacturing sector. Seasonal increases occurred in services, retail trade, and construction. Scattered growth among producers of both durable and nondurable goods raised manufacturing employment 200 over the month to 61,600. Factory production workers averaged \$13.26 per hour, down \$.15 from March. Their average workweek was .9 hours shorter at 43.7 hours.

Nonagricultural wage and salary employment advanced 10,100 between April 1988 and April 1989. Primary growth industries were services, especially business services, and retail trade. Improvements also occurred in construction and state and local schools and colleges. Scattered decreases in both durable and nondurable goods lowered manufacturing employment 300 over the year. Employment in transportation equipment and nonelectrical machinery increased.

Indexes of Total Employment

Toledo MSA, Ohio and U.S.

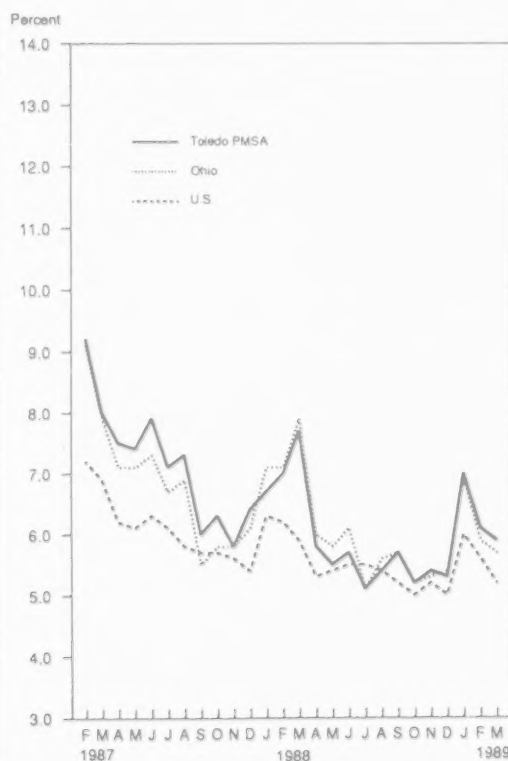
[Not Seasonally Adjusted]



Unemployment Rates

Toledo MSA, Ohio and U.S.

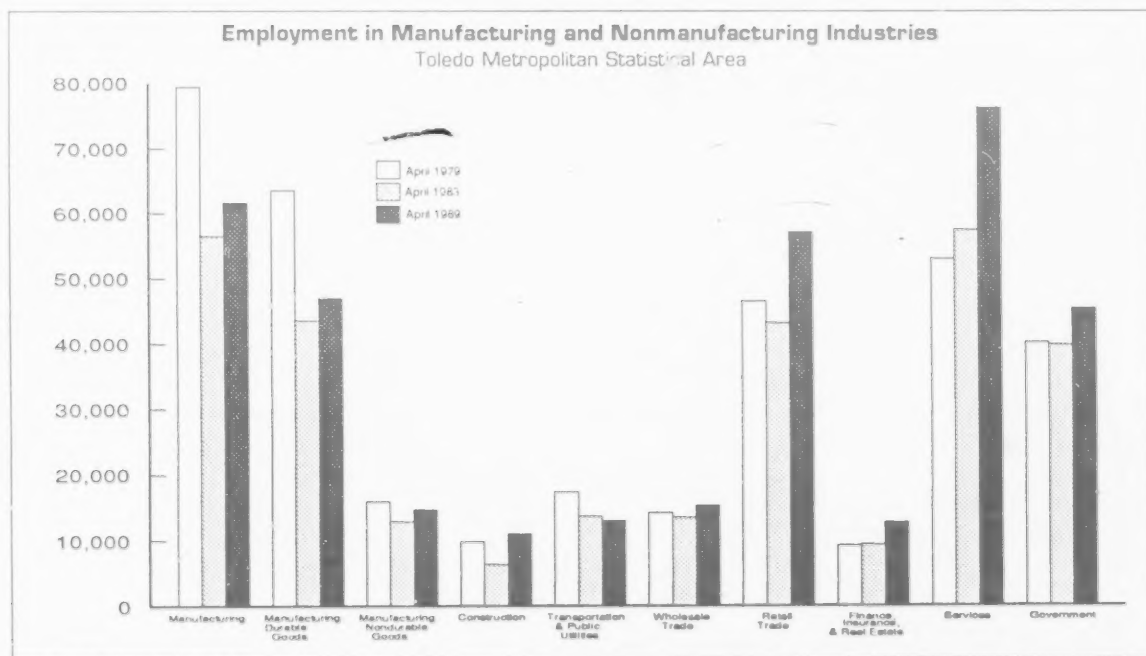
[Not Seasonally Adjusted]



Toledo MSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment						
Total	Employed	Unemployed					Manufacturing Employment		Manufacturing Production Workers		
		Total	Rate						Hours & Earnings		
									Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings
INA	INA	INA	INA	1978	264.7	79.4	INA	INA	INA	INA	
INA	INA	INA	INA	1979	268.2	77.4	INA	INA	INA	INA	
INA	INA	INA	INA	1980	257.0	66.4	INA	INA	INA	INA	
INA	INA	INA	INA	1981	254.2	65.8	INA	INA	INA	INA	
INA	INA	INA	INA	1982	244.4	60.2	INA	INA	INA	INA	
289.2	256.1	33.1	11.4	1983	245.3	59.6	INA	INA	INA	INA	
293.5	267.3	26.2	8.9	1984	257.0	64.8	45.7	\$502.42	43.2	\$11.63	
296.5	272.3	24.3	8.2	1985	264.5	65.7	46.2	523.55	42.6	12.29	
307.1	281.2	25.8	8.4	1986	272.0	63.4	44.2	527.03	42.4	12.43	
307.6	285.1	22.5	7.3	1987	278.0	62.2	43.7	540.60	42.5	12.72	
310.3	292.1	18.2	5.9	1988	284.9	62.5	44.8	569.41	43.4	13.12	
				1988							
310.7	286.9	23.8	7.7	March	279.4	61.7	44.2	568.49	43.1	13.19	
307.7	290.0	17.7	5.8	April	282.4	61.9	44.3	572.86	43.3	13.23	
306.4	289.5	16.9	5.5	May	285.0	62.1	44.5	552.90	42.4	13.04	
308.9	291.2	17.6	5.7	June	285.5	63.5	45.7	571.58	43.4	13.17	
310.3	294.4	15.8	5.1	July	283.1	63.1	45.2	543.93	42.1	12.92	
310.5	293.6	16.9	5.4	August	282.9	63.3	45.5	549.95	42.5	12.94	
309.4	291.7	17.7	5.7	September	289.5	63.6	45.8	586.49	44.6	13.15	
314.1	297.9	16.2	5.2	October	291.3	62.8	45.0	585.64	44.4	13.19	
315.6	298.6	17.0	5.4	November	294.5	62.6	44.9	605.69	45.1	13.43	
313.6	297.0	16.6	5.3	December	292.4	62.4	44.6	589.19	44.3	13.30	
				1989							
317.1	294.8	22.3	7.0	January	286.6	62.0	44.4	576.39	43.6	13.22	
315.9	296.5	19.4	6.1	February	285.7	61.7	44.2	598.53	44.7	13.39	
316.0	297.3	18.7	5.9	March	288.5	61.4	43.9	598.09	44.6	13.41	
INA	INA	INA	INA	April	292.5	61.6	44.1	579.46	43.7	13.26	

INA - information not available



Toledo MSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	292.5	288.5	282.4	4.0	10.1
Manufacturing	61.6	61.4	61.9	.2	-.3
Durable Goods ^e	46.9	47.0	47.1	.0	-.2
Stone, clay, and glass products	7.6	7.6	7.7	.0	-.2
Primary metal industries	3.3	3.5	3.6	-.1	-.2
Fabricated metal products	7.1	7.2	7.4	-.1	-.2
Metal forgings and stampings	3.0	3.0	3.1	.0	-.1
Machinery, except electrical	6.0	6.0	5.9	.0	.1
Electric and electronic equipment	2.2	2.2	2.4	.0	-.2
Transportation equipment	15.8	15.7	15.7	.1	.2
Motor vehicles and equipment	14.9	14.8	14.8	.1	.1
Nondurable Goods ^f	14.7	14.4	14.8	.2	-.1
Food and kindred products	3.8	3.7	3.9	.1	-.1
Rubber and misc. plastics products	3.5	3.4	3.5	.1	-.1
Nonmanufacturing ^g	230.9	227.1	220.5	3.8	10.4
Construction	11.0	10.2	9.8	.8	1.2
Transportation and Public Utilities	13.0	12.8	13.0	.2	.0
Trucking and warehousing	5.3	5.2	5.3	.1	.0
Communication, electric, gas services	4.7	4.7	4.7	.0	.0
Wholesale Trade	15.3	15.2	14.8	.1	.5
Wholesale trade-durable goods	10.2	10.1	9.8	.1	.5
Retail Trade	57.1	56.2	54.6	.9	2.5
General merchandise stores	8.5	8.6	7.8	.0	.7
Finance, Insurance, and Real Estate	12.7	12.6	12.3	.1	.4
Banking	3.9	3.8	3.7	.0	.1
Services	76.2	74.8	72.1	1.4	4.1
Business services	16.3	15.9	14.9	.5	1.5
Health services	27.4	27.5	26.8	-.1	.6
Hospitals	15.1	15.2	15.0	-.1	.1
Government	45.3	45.2	43.8	.1	1.5
State government	17.3	17.2	16.6	.1	.7
State government education ^h	13.1	13.0	12.5	.1	.6
State government, except education	4.2	4.2	4.1	.0	.1
Local government	25.4	25.4	24.6	.0	.8
Local government education	14.9	15.0	14.4	-.1	.5
Local government, except education	10.5	10.4	10.2	.1	.3

Hours and Earnings of Production or Nonsupervisory Workers^a

Toledo MSA

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$579.46	\$598.09	\$572.86	43.7	44.6	43.3	\$13.26	\$13.41	\$13.23
Durable Goods ^e	603.29	630.18	598.49	44.1	45.5	43.4	13.68	13.85	13.79
Stone, clay, and glass products	526.73	552.86	510.07	40.8	42.3	40.1	12.91	13.07	12.72
Primary metal industries	489.07	507.27	484.34	44.1	45.7	42.9	11.09	11.10	11.29
Fabricated metal products	464.96	521.43	536.34	41.7	45.5	42.0	11.15	11.46	12.77
Metal forgings and stampings	603.35	658.31	702.52	41.1	43.8	45.5	14.68	15.03	15.44
Machinery, except electrical	520.03	512.74	515.31	43.3	42.8	42.8	12.01	11.98	12.04
Electric and electronic equipment	555.13	552.97	510.72	43.1	43.1	42.0	12.88	12.83	12.16
Transportation equipment	798.71	832.80	777.55	46.9	48.0	46.2	17.03	17.35	16.83
Motor vehicles and equipment	805.11	839.83	786.94	47.0	48.1	46.4	17.13	17.46	16.96
Nondurable Goods ^f	495.01	484.64	474.82	42.2	41.6	42.7	11.73	11.65	11.12
Food and kindred products	543.14	537.37	553.24	42.4	41.4	43.7	12.81	12.98	12.66
Rubber and misc. plastics products	361.05	357.70	360.34	41.5	41.4	43.0	8.70	8.64	8.38
Transportation and Public Utilities	575.89	584.82	604.65	40.3	40.5	41.7	14.29	14.44	14.50
Communication, electric, gas services									
Wholesale Trade	399.17	395.00	373.26	39.6	39.5	38.8	10.08	10.00	9.62
Retail Trade ^h	160.33	157.14	162.13	27.5	27.0	28.9	5.83	5.82	5.61

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; instruments and related products; miscellaneous manufacturing. ^fIncludes tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes hospitals, the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

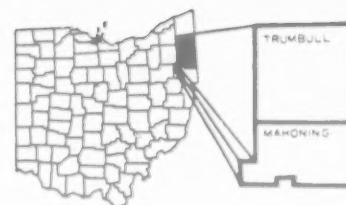
Selected Administrative Program Activities

Toledo MSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	1,881	2,277	1,903
Active File of Job Seekers	19,473	19,375	18,279
Referrals to Jobs	1,324	2,079	1,050
Placements	301	356	279
Job Openings Received	473	723	565
Job Openings Unfilled	870	855	906
Unemployment Insurance Program			
Initial Claims	2,452	2,742	2,818
Continued Claims	19,513	28,164	22,330
First Payments	925	1,503 ^a	871
Last Payments	281	387	286
Weeks Compensated	17,765	26,658	18,476
Benefits Paid	\$2,823,583	\$4,241,056	\$2,775,707
Average Weekly Payment	\$165.98	\$166.62	\$153.36

^a Revised

YOUNGSTOWN - WARREN METROPOLITAN STATISTICAL AREA

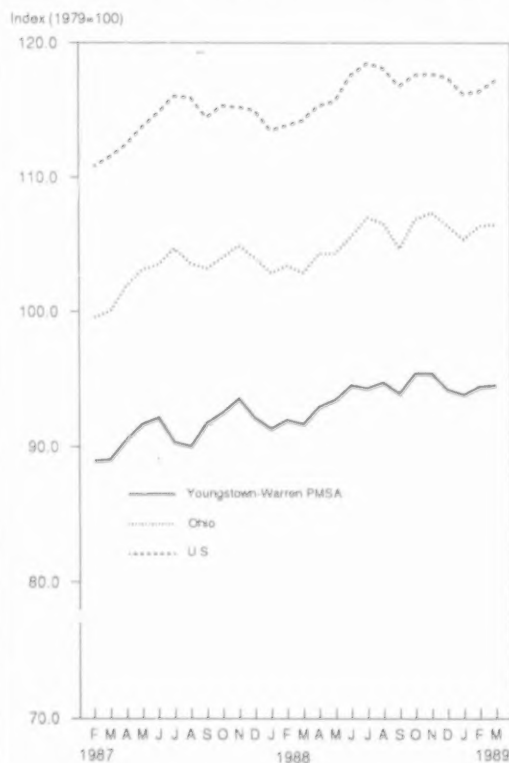


Total nonfarm payroll employment in the Youngstown-Warren metropolitan area rose 2,300 from March to 197,000 in April 1989. Nonmanufacturing employment increased 2,500 due to seasonal growth in construction, retail trade, and services. Reductions in transportation equipment and primary metal industries, particularly blast furnace and basic steel products, lowered manufacturing employment 200 to 50,200. Factory production workers averaged \$13.76 per hour, up \$.05 from March. Their average workweek of 42.7 hours was .6 hours shorter.

Nonagricultural wage and salary employment advanced 5,000 between April 1988 and April 1989. Leading growth industries were services and retail trade. Modest improvements were also noted in construction and wholesale trade. Manufacturing employment declined 200 over the year. Reductions in primary metal industries, especially blast furnace and basic steel products, and transportation equipment outweighed slight gains in nonelectrical machinery and scattered growth in nondurable-goods industries.

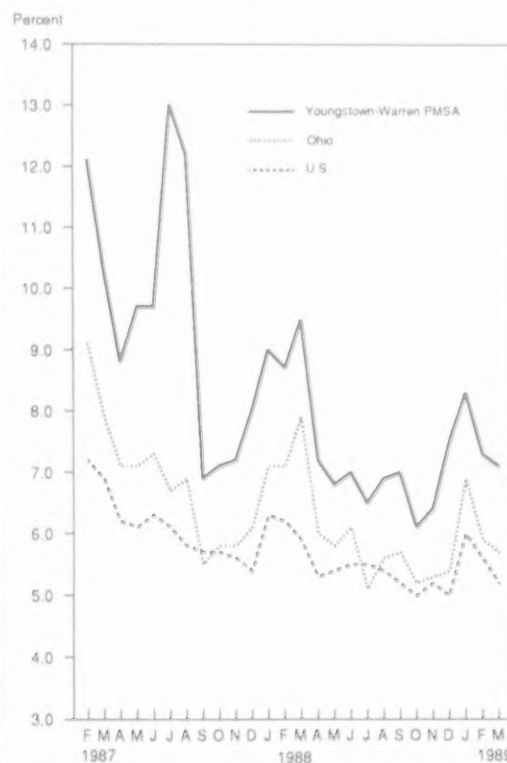
Indexes of Total Employment

Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)



Unemployment Rates

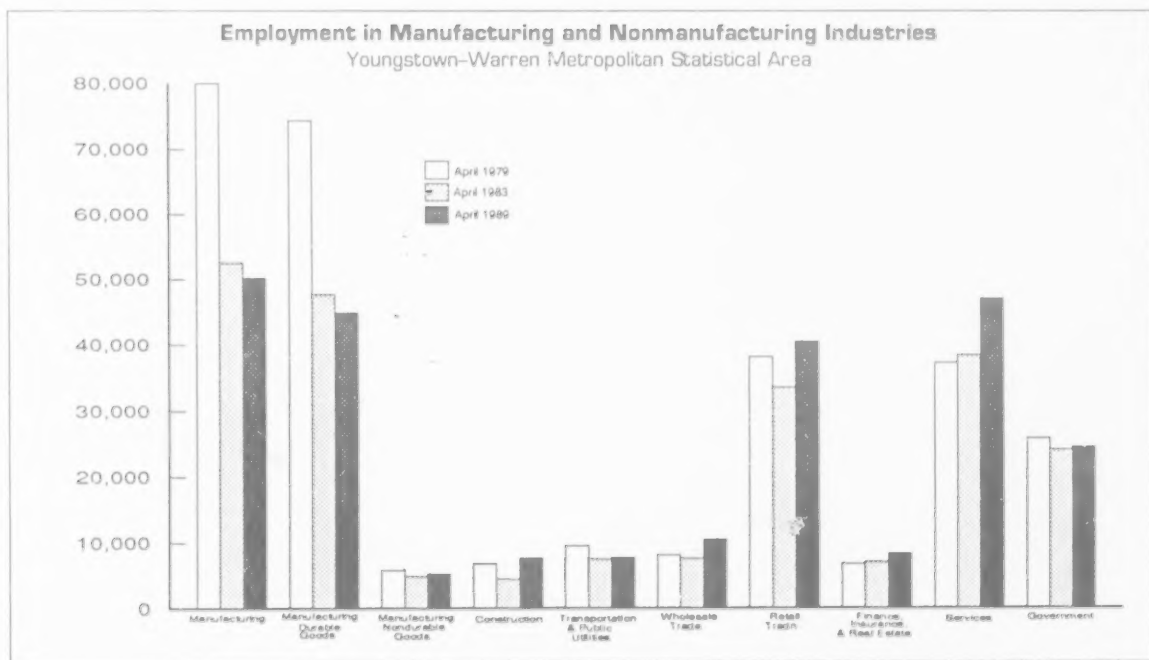
Youngstown-Warren MSA, Ohio and U.S. (Not Seasonally Adjusted)



Youngstown-Warren MSA Labor Force and Employment Data
(Employed and Unemployed in Thousands)

Civilian Labor Force					Nonagricultural Wage & Salary Employment							
										Manufacturing Employment		
										Manufacturing Production Workers		
Total	Employed	Unemployed						Average Weekly Earnings	Average Weekly Hours	Average Hourly Earnings		
		Total	Rate									
235.2	217.5	17.7	7.5	1978	210.3	79.4	62.5	\$353.56	41.4	\$ 8.54		
237.1	219.9	17.1	7.2	1979	213.9	79.9	62.5	377.29	40.7	9.27		
238.9	210.5	28.4	11.9	1980	203.1	70.8	54.1	409.77	39.9	10.27		
234.0	205.7	28.2	12.1	1981	198.7	67.3	50.8	474.10	40.8	11.62		
237.0	190.3	46.6	19.7	1982	180.6	52.9	38.1	460.60	39.3	11.72		
225.6	188.1	37.5	16.6	1983	177.5	52.8	36.6	521.20	42.1	12.38		
222.2	195.9	26.3	11.8	1984	182.5	55.1	41.8	555.97	43.3	12.84		
221.3	196.3	25.0	11.3	1985	184.2	52.7	39.6	570.64	43.1	13.24		
223.7	200.0	23.7	10.6	1986	187.1	51.7	38.7	553.28	41.6	13.30		
221.6	200.0	21.6	9.7	1987	188.3	48.9	36.7	567.91	42.7	13.30		
222.3	205.9	16.4	7.4	1988	193.9	50.5	38.5	575.95	42.6	13.52		
1988												
222.6	201.4	21.2	9.5	March	189.4	50.0	38.1	557.86	41.6	13.41		
220.1	204.2	15.9	7.2	April	192.1	50.4	38.6	570.46	42.1	13.55		
220.2	205.3	15.0	6.8	May	195.6	50.7	38.8	593.45	43.7	13.58		
223.3	207.8	15.6	7.0	June	196.9	51.1	39.2	582.03	42.8	13.60		
221.7	207.4	14.3	6.5	July	192.6	48.9	36.9	568.09	42.3	13.43		
223.8	208.3	15.5	6.9	August	193.8	50.3	38.3	557.44	41.6	13.40		
222.0	206.4	15.6	7.0	September	197.6	51.8	39.9	589.81	43.4	13.59		
223.3	209.8	13.5	6.1	October	198.0	51.7	39.7	586.09	43.0	13.63		
224.0	209.7	14.2	6.4	November	199.8	51.9	39.8	593.71	43.4	13.68		
224.0	207.1	16.9	7.5	December	196.7	49.8	37.8	594.21	43.5	13.66		
1989												
224.9	206.2	18.7	8.3	January	193.4	51.1	39.0	599.87	43.5	13.79		
223.9	207.5	16.3	7.3	February	193.0	50.6	38.6	586.87	42.9	13.68		
223.8	207.9	15.9	7.1	March	194.7	50.3	38.3	593.64	43.3	13.71		
INA	INA	INA	INA	April	197.0	50.2	38.2	587.55	42.7	13.76		

INA - information not available



Youngstown-Warren MSA

**Nonagricultural
Wage and Salary
Employment^a**

	Employment (in thousands)			Change ^d (in thousands)	
	April 1989 ^b	March 1989 ^c	April 1988 ^c	From Last Month	From Last Year
Total	197.0	194.7	192.1	2.3	5.0
Manufacturing	50.2	50.3	50.4	-.2	-.2
Durable Goods ^e	44.9	45.1	45.3	-.2	-.4
Primary metal industries	18.4	18.5	18.9	-.1	-.5
Blast furnace and basic steel products	5.1	5.4	5.8	-.3	-.8
Fabricated metal products	7.5	7.5	7.5	.1	.0
Machinery, except electrical	3.9	3.9	3.7	.0	.2
Electric and electronic equipment	2.3	2.3	2.3	.0	.0
Transportation equipment	9.5	9.7	9.8	-.2	-.3
Nondurable Goods ^f	5.3	5.3	5.1	.0	.2
Nonmanufacturing ^g	146.9	144.4	141.7	2.5	5.2
Construction	7.6	6.6	7.0	1.0	.6
Transportation and Public Utilities	7.7	7.7	7.5	.1	.2
Communication, electric, gas services	2.8	2.8	2.9	.0	-.2
Wholesale Trade	10.5	10.4	10.0	.1	.5
Wholesale trade-durable goods	6.8	6.7	6.4	.1	.4
Retail Trade	40.6	39.7	38.8	.9	1.7
General merchandise stores	5.1	5.1	5.1	.0	.0
Finance, Insurance, and Real Estate	8.3	8.2	8.2	.1	.1
Banking	2.8	2.7	2.8	.0	.0
Services	47.1	46.2	44.9	.9	2.2
Health services	20.7	20.6	20.1	.0	.5
Hospitals	10.7	10.7	10.5	.0	.2
Government	24.5	25.1	24.6	-.7	-.1
State government	4.2	4.7	4.1	-.4	.1
State government education ^h	2.7	3.2	2.6	-.4	.1
State government, except education	1.5	1.5	1.5	.0	.0
Local government	18.2	18.4	18.5	-.2	-.3
Local government education	11.8	12.0	12.3	-.2	-.5
Local government, except education	6.3	6.3	6.2	.0	.2

Youngstown-Warren MSA

Hours and Earnings of Production or Nonsupervisory Workers^a

	Average Weekly Earnings			Average Weekly Hours			Average Hourly Earnings		
	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c	Apr. 1989 ^b	Mar. 1989 ^c	Apr. 1988 ^c
Manufacturing	\$587.55	\$593.64	\$570.46	42.7	43.3	42.1	\$13.76	\$13.71	\$13.55
Durable Goods ^b	603.72	610.40	584.59	43.0	43.6	42.3	14.04	14.00	13.82
Primary metal industries	641.27	620.74	644.36	42.3	41.3	42.9	15.16	15.03	15.02
Blast furnace and basic steel products	593.63	570.47	603.37	44.5	42.7	44.3	13.34	13.36	13.62
Fabricated metal products	613.34	601.66	572.72	45.5	44.9	42.9	13.48	13.40	13.35
Machinery, except electrical	514.72	494.38	475.80	43.4	42.4	41.7	11.86	11.66	11.41
Electric and electronic equipment	463.25	457.54	450.55	40.6	40.1	40.7	11.41	11.41	11.07
Transportation equipment	646.70	725.56	612.13	43.2	48.5	42.1	14.97	14.96	14.54
Nondurable Goods ^d	415.66	415.04	407.55	39.7	40.1	39.8	10.47	10.35	10.24
Transportation and Public Utilities									
Communication, electric, gas services	569.84	565.41	538.16	40.3	40.1	39.6	14.14	14.10	13.59
Wholesale Trade	363.78	372.45	360.45	38.7	39.0	38.8	9.40	9.55	9.29
Retail Trade ^h	180.29	178.75	173.09	28.8	28.6	28.8	6.26	6.25	6.01

^aSee Technical Notes for concepts. ^bPreliminary. ^cRevised. ^dBased on unrounded figures. ^eIncludes lumber and wood products; furniture and fixtures; stone, clay, and glass products; instruments and related products; miscellaneous manufacturing. ^fIncludes food and kindred products; tobacco manufactures; textile mill products; apparel and other textile products; paper and allied products; printing and publishing; chemicals and allied products; petroleum and coal products; rubber and miscellaneous plastics products; leather and leather products. ^gIncludes mining. ^hMoney payments only; tips not included. ⁱIncludes State universities. Excludes the agricultural extension service, agricultural research centers, and the Ohio Department of Education. ^jDepressed due to labor-management disputes.

Selected Administrative Program Activities

Youngstown-Warren MSA

	April 1989	March 1989	April 1988
Employment Service Program			
New Applicants	2,877	3,016	1,837
Active File of Job Seekers	20,180	18,430	18,458
Referrals to Jobs	3,993	1,540	1,232
Placements	272	181	364
Job Openings Received	4,603	497	795
Job Openings Unfilled	4,810	647	970
Unemployment Insurance Program			
Initial Claims	2,342	2,983	2,141
Continued Claims	17,880	25,634	20,335
First Payments	885	1,386 ^a	784
Last Payments	290	326	321
Weeks Compensated	16,108	23,883	17,780
Benefits Paid	\$2,454,336	\$3,615,484	\$2,555,070
Average Weekly Payment	\$157.64	\$156.77	\$147.05

^a Revised

Technical Notes

Civilian Labor Force Estimates

Civilian Labor Force. Estimated number of persons 16 years of age and over, employed or unemployed during week including 12th of month, distributed by place of residence.

Total Employed. Includes nonagricultural wage and salary workers, the self-employed, unpaid family workers, domestics, agricultural workers, and persons involved in labor disputes. Employment distributed by place of residence.

Total Unemployed. Estimated number of persons, by place of residence, who did not work during reference week and were looking for work, whether or not eligible for unemployment compensation. Includes those who did not work and were waiting to be called back to an old job or to report to a new job.

Nonagricultural Wage and Salary Employment

Collection. Nonagricultural wage and salary employment as well as hours and earnings estimates based on monthly reports from sample of employers. Under cooperative arrangement with U.S. Bureau of Labor Statistics, Labor Market Information Division of Ohio Bureau of Employment Services mails, edits, and processes Ohio reports, which are subsequently incorporated in national data.

Industrial Classification. Employer establishments classified by industry on basis of their principal product or service. The *Standard Industrial Classification Manual* (U.S. Office of Management and Budget, Washington, D.C., 1972, amended 1977) used for classification.

Coverage. Monthly reports on employment and (for most industries) payroll and hours obtained from approximately 10,000 Ohio employers.

Coverage of Ohio Nonagricultural
Employment Sample and a Measure of Error

Industry Division	Approximate Percentage Covered by Sample	RMSE
Total	42	2
Manufacturing	57	3
Nonmanufacturing	38	2
Mining	52	1.4
Construction	19	1.4
Transportation and Public Utilities	45	3
Wholesale Trade	22	4
Retail Trade	21	4
Finance, Insurance, and Real Estate	43	3
Services	34	3
Government	71	2

Measure of Error. Reliability of nonagricultural wage and salary employment estimates may be affected by inadequate sample and response errors, industry code changes, or changes in the quality of benchmark data. The measure of reliability reported above is the root-mean-square error (RMSE), based on 36-month average differences in trend between final estimates and benchmark data. This experience indicates that monthly changes in total nonagricultural wage and salary employment estimates can be expected to vary no more than .2 percent from the actual change.

Nonagricultural Employment. Persons who worked during, or received pay for, any part of pay periods which include 12th of month, distributed by place of employment. Includes persons on paid sick leave, paid holiday, or paid vacation. Excluded are persons laid off, on strike, or on unpaid vacation during entire reporting period. Proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers also excluded. Government employment covers only civilian employees. Full-time teachers considered employed during the summer vacation period, whether or not paid in those months.

Estimating Method. Total employment is estimated from the employment of establishments reporting for two consecutive months, as follows:

$$\text{Total Employment (current month)} = \text{Total Employment (previous month)} \times \frac{\text{Sample Employment (current month)}}{\text{Sample Employment (previous month)}}$$

Benchmark Data. Employment estimates compared annually with complete count of employment, by industry. Where revisions necessary, monthly estimates adjusted to new benchmark. Following revisions to new benchmark, industry data projected forward to current month by use of sample trends. Basic source of benchmark information is tabulations of employment data, by industry and area, compiled from contribution reports of employers covered under Ohio Unemployment Compensation Law. Data are based on March 1988 benchmark.

Seasonally Adjusted Estimates

Seasonal Adjustment. To facilitate interpretation of underlying economic trends, Division-level Nonagricultural Wage and Salary Employment series are presented with short-term effects of seasonal patterns removed.

Hours and Earnings

Method of Computing Averages. Average hours computed by dividing total production worker hours worked during one week (the seven-day periods which include 12th of month) by number of production workers reported for such week. Average hourly earnings computed by dividing total production worker payroll for one week by total production worker hours for week. Average weekly earnings derived by multiplying average hourly earnings by average weekly hours.

Definitions. Definitions of production or similar workers, payroll, and hours—from which average hours and earnings data are derived—follow:

Production Workers. Includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (such as power plant), and record keeping and other services closely associated with production operations.

Nonsupervisory Workers. Includes employees (not above working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, attendants, service employees, line installers, laborers, accountants, janitors, guards, and other employees whose services are closely associated with those of occupations listed.

Payroll. Represents payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of pay periods which include 12th of month. Payroll is reported before deductions for Social Security, group insurance, withholding tax, bonds, and union dues; also includes pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), tips, pay not earned in pay period reported (such as retroactive pay), and value of free rent, fuel, meals, or other payments in kind, excluded.

Hours. Represents hours worked or paid for, during pay periods which include 12th of month, for production, construction, or nonsupervisory workers. Hours include time paid for holidays and vacations, and for sick leave when pay received directly from firm.

Selected Employment Service Activities

	Ohio		
	April 1989	March 1989	April 1988
New Applicants	35,087	43,939	34,539
Active File of Job Seekers	280,862	278,527	286,310
Counseling Interviews	1,130	1,162	1,242
Tests Administered	1,451	1,651	5,083
General Aptitude Tests	116	221	301
Proficiency Tests	301	366	486
Specific Aptitude Tests	181	167	1,477
Referrals to Jobs	26,656	29,147	24,512
Placements	5,085	5,762	5,565
Job Openings Received	14,895	12,510	13,022
Job Openings Unfilled	25,411	19,989	20,838

Selected Unemployment Insurance Activities

	Ohio		
	April 1989	March 1989	April 1988
Initial Claims	35,167	45,146	38,395
Continued Claims	360,043	519,538	421,800
First Payments	15,579	25,291 ^a	17,325
Last Payments	5,548	5,761	6,878
Average Weekly Claimants	91,514	111,712	101,491
Average Weekly Benefit Recipients	82,736	103,011	89,215
Weeks Compensated	326,960	484,644	374,933
Benefits Paid	\$51,162,719	\$76,359,474	\$57,129,907
Average Weekly Payment	\$161.50	\$161.94	\$155.71
Continued Claims for Survey Week	85,735	104,503	97,234 ^a
Insured Unemployment Rate	2.0	2.5	2.3
Net Contributions	\$79,247,270	\$3,545,071	\$74,964,221
Active Employer Accounts	204,265	203,244	200,411

^a Revised

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